



INDUSTRIAL FACILITIES

Construction Chemicals

Product Selection Guide



Technical Specifications Management, Turkey

 **BASF**
We create chemistry



About BASF

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The approximately 114,000 employees in the BASF Group work on contributing to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio is organized into five segments: Chemicals, Performance Products, Functional Materials & Solutions, Agricultural Solutions and Oil & Gas. BASF generated sales of about €58 billion in 2016. BASF shares are traded on the stock exchanges in Frankfurt (BAS), London (BFA) and Zurich (BAS). Further information at www.basf.com.



About the Construction Chemicals division

BASF's Construction Chemicals division offers advanced chemical solutions under the global umbrella brand Master Builders Solutions for the construction, maintenance, repair and renovation of structures. The brand is built on more than 100 years of experience in the construction industry. Our comprehensive portfolio encompasses concrete admixtures, cement additives, chemical solutions for underground construction, waterproofing systems, sealants, concrete repair & protection systems, performance grouts, performance flooring systems, tile-fixing systems, expansion joints & control systems and wood protection solutions.



The Construction Chemicals division's approximately 6,000 employees form a global community of building experts. To solve our customers' specific construction challenges from conception through to completion of a project, we draw on our specialist know-how, regional expertise and the experience gained in countless constructions projects worldwide. We leverage global BASF technologies and our in-depth knowledge of local building needs to develop innovations that help make our customers more successful and drive sustainable construction.

The division operates production sites and sales offices in more than 60 countries and achieved sales of about €2.3 billion in 2016.



**Material
Handling &
Preparation**

**Environmental
Processes**

**Production
Plant**

**Water
Cooling,
Movement
and
Treatment**

**Auxiliary
Buildings**

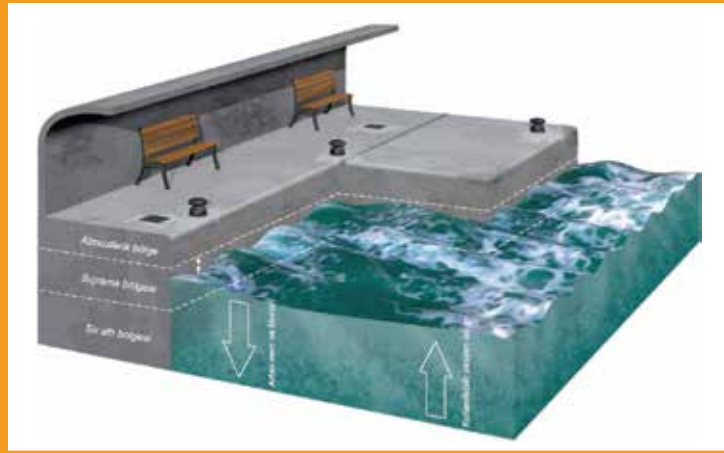


Yilport Jetty, Kocaeli
Concrete Repair, Strengthening and Protection



Material Handling & Preparation

Jetties and Ports



Conveyance

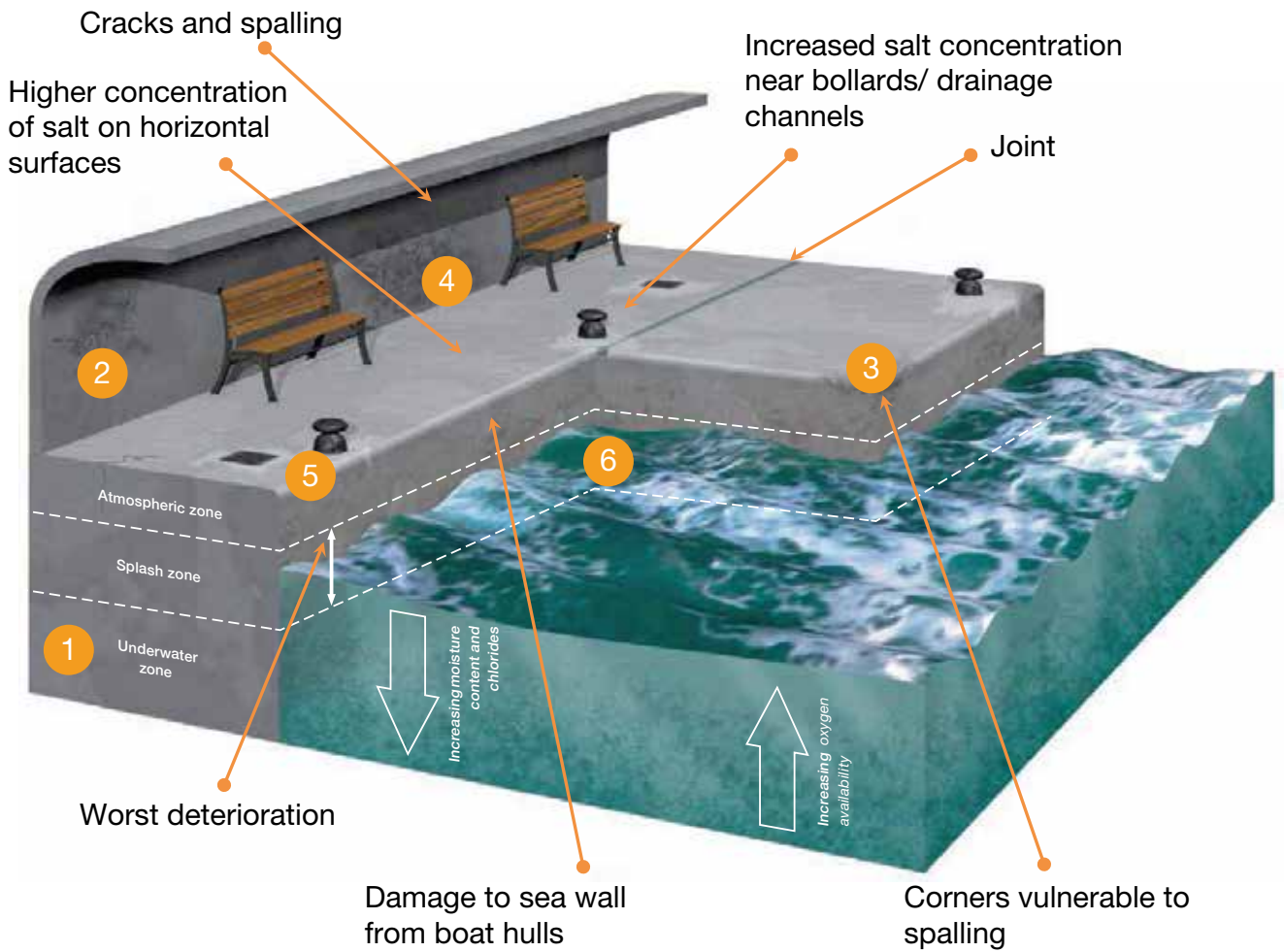


Bunkers, Silos and Storage Buildings





Jetties and Ports



Selection Chart: Jetties and Ports

Segment	Description	Product	Fast Solutions (Hour)	Application
Admixtures 1	High Range Superplasticizers - Normal and retarding	MasterGlenium		Normal & Mass concrete for raft/foundation, structural concrete
	Super slump retaining hyperplasticizer	MasterGlenium, MasterGlenium SKY		High performance & self compacting concrete
	Solution for "Smart Dynamic Concrete"	MasterMatrix SDC 100		Mass self compacting concrete with low fines
	Carrision Inhibitor admixture	MasterLife CI 222 Plus		Reinforced concrete
	Densified Silica Fume for cast and sprayed concrete	MasterRoc MS 610		Dense concrete with improved resistance to chemical and mechanical attack
	Waterproofing Admixture	MasterLife WP 701		Normal & Mass concrete for raft/foundation, structural concrete
	Shrinkage reducing admixture	MasterLife SRA 865		Mass concrete for raft/foundation,
	New generation high performance Superplasticizer	MasterGlenium ACE 450		Precast concrete
	Air entraining admixture for concrete	MasterAir		Normal & Mass concrete for raft/foundation, structural concrete
	New generation superplasticizer to improve rheology	MasterGlenium PAV 806		Concrete pavements, industrial floors, slab-on-ground
	Structural fibre adding toughness and ductility to concrete	MasterFiber 240		Industrial floors, slab-on-ground, precast concrete
Surface Improvement 2	Mould release agent	MasterFinish 235J		Smooth finish concrete surfaces
	Non-film forming curing compound	MasterKure 181		Curing of concrete surfaces
Concrete Repair and Protection 3	Epoxy based, non-sag, adhesive mortar	MasterBraceADH 1406	24	Concrete repair, anchorage, and bonding of construction materials(steel, concrete, brick..)
	Cement based, high build repair mortar	MasterEmaco S 488	24	Patch repair of structural members
	Cement based, pourable, structural repair mortar	MasterEmaco S 488 PG	24	Form & pour, repair of structural members
	Cement based, high strength and self compacting non-shrink grout	MasterEmaco S 423	24	Form & pour, volume repairs of structural members
	Ultra fast, extra high-strength, thixotropic structural repair mortar	MasterEmaco T1100 TIX	2	Patch repair of concrete, where high & rapid strength build-up even at <0 °C are needed
	Ultra fast, extra high-strength, flowable structural repair mortar	MasterEmaco T1200 PG	2	Repair of horizontal surfaces that need to be opened to traffic swiftly, even at <0 °C
	Cement based repair mortar	MasterEmaco N 900	24	Refilling mortar for finishing the concrete surfaces
	Epoxy based injection resin	MasterInject 1302	24	Structural crack repair
	Epoxy based, fast setting, water tolerant injection resin	MasterInject 1380	24	Structural repair of water saturated cracks
	Acrylic polymer based elastomeric exterior coating	MasterProtect 330 EL	24	Protection of concrete and plastered surfaces from affects of frost, carbonation and salts
	Epoxy Coating	MasterProtect 180	24	Lining for storage tanks / water retaining tanks and splash zones
	Hydrophobization & Impregnation treatments	MasterProtect H 1100 / MasterProtect H 303	24	Protection for external concrete surfaces
	Surface applied corrosion inhibitor	MasterProtect 8000 CI	24	Corrosion protection of new and stopping of existing concrete structures
Concrete Repair and Strengthening 4	Advanced Pile Encapsulation (APE)	MasterBrace 6000UW *		Underwater corrosion intervention and structural repair
	Carbone fibre composite strengthening systems	MasterBrace FIB, MasterBrace NET, MasterBrace LAM		Structural strengthening
Grout & Anchorage 5	Cementitious precision grout	MasterFlow 928	24	Foundation mounting of machine/equipment/steel column
	High-strength epoxy grout & repair mortar	MasterFlow 402/ MasterFlow 402 RS	24	Foundation mounting of pump/equipment with heavy dynamic load
	Methacrylate / epoxy resin based chemical anchoring grouts	MasterFlow 920 AN/ MasterFlow 936 AN	2	Post installation of rebars, fixing of bolts, shear connectors and bearing plates
Waterproofing and Sealants 6	Polysulphide sealants	MasterSeal CR 170/171	48	Expansion Joint with chemical resistance
	Re-injectable hose	MasterSeal 909		Construction Joint
	Hydro-swelling gaskets	MasterSeal 910		Construction Joint
	Hydro-swelling injection resin	MasterSeal 901		Construction Joint
	Polyurea coating	MasterSeal M689	2	Waterproofing and protection

*: APE system requires project specific design, therefore please consult BASF Technical Services



Conveyance



Selection Chart: Conveyance

Segment	Description	Product	Fast Solutions (Hour)	Application
Grout & Anchorage 5	Cementitious precision grout	MasterFlow 928	24	Foundation mounting of machine/equipment/steel column
	High-strength epoxy grout & repair mortar	MasterFlow 402/ MasterFlow 402 RS	24 2	Foundation mounting of pump/equipment with heavy dynamic load
	Metallic aggregate reinforced, ultra-high strength and impact resistant grout	MasterFlow 4800	24	Mounting of turbines/generators/compressors with high dynamic and repetitive loading
	Fast & easy cementitious anchoring grout	MasterFlow 960 TIX	2	Structural anchoring of rebars and bolts, even in wet concrete, or when high temp resistance req'd
	Methacrylate / epoxy resin based chemical anchoring grouts	MasterFlow 920 AN/ MasterFlow 936 AN	2 24	Post installation of rebars, fixing of bolts, shear connectors and bearing plates



Bunkers, Silos & Storage Building



Selection Chart: Bunkers, Silos & Storage Buildings

Segment	Description	Product	Fast Solutions (Hour)	Application
Admixtures 1	High Range Superplasticizers - Normal and retarding	MasterGlenium		Normal & Mass concrete for raft/foundation, structural concrete
	Carrision Inhibitor admixture	MasterLife CI 222 Plus		Reinforced concrete
	Densified Silica Fume for cast and sprayed concrete	MasterRoc MS 610		Dense concrete with improved resistance to chemical and mechanical attack
	Waterproofing Admixture	MasterLife WP 701		Normal & Mass concrete for raft/foundation, structural concrete
	New generation high performance Superplasticizer	MasterGlenium ACE 450		Precast concrete
	Air entraining admixture for concrete	MasterAir		Normal & Mass concrete for raft/foundation, structural concrete
	Structural fibre adding toughness and ductility to concrete	MasterFiber 240		Industrial floors, slab-on-ground, precast concrete
Surface Improvement 2	Mould release agent	MasterFinish 235J		Smooth finish concrete surfaces
	Non-film forming curing compound	MasterKure 181		Curing of concrete surfaces
Concrete Repair and Protection 3	Epoxy based flowable adhesive	MasterBrace ADH 1420	24	Bonding agent for old to new concrete
	Epoxy based, non-sag, adhesive mortar	MasterBraceADH 1406	24	Concrete repair, anchorage, and bonding of construction materials (steel, concrete, brick..)
	Cement based, high build repair mortar	MasterEmaco S 488	24	Patch repair of structural members
	Cement based, pourable, structural repair mortar	MasterEmaco S 488 PG	24	Form & pour, repair of structural members
	Cement based, high strength and self compacting non-shrink grout	MasterEmaco S 423	24	Form & pour, volume repairs of structural members
	Ultra fast, extra high-strength, thixotropic structural repair mortar	MasterEmaco T1100 TIX	2	Patch repair of concrete, where high & rapid strength build-up, even at <0 °C are needed
	Ultra fast, extra high-strength, flowable structural repair mortar	MasterEmaco T1200 PG	2	Repair of horizontal surfaces that need to be opened to traffic swiftly, even at <0 °C
	Epoxy based injection resin	MasterInject 1302	24	Structural crack repair
	Epoxy based, fast setting, water tolerant injection resin	MasterInject 1380	24	Structural repair of water saturated cracks
	Acrylic polymer based elastomeric exterior coating	MasterProtect 330 EL	24	Protection of concrete and plastered surfaces from affects of frost, carbonation and salts
	Epoxy Coating	MasterProtect 180	24	Lining for storage tanks / water retaining tanks and splash zones
	Hydrophobization & Impregnation treatments	MasterProtect H 1100 / MasterProtect H 303	24	Protection for external concrete surfaces
	Surface applied corrosion inhibitor	MasterProtect 8000 CI	24	Corrosion protection of new and stopping of existing concrete structures
Concrete Repair and Strengthening 4	Carbone fibre composite strengthening systems	MasterBrace FIB, MasterBrace NET, MasterBrace LAM		Structural strengthening
Grout & Anchorage 5	Cementitious precision grout	MasterFlow 928		Foundation mounting of machine/equipment/steel column
	Methacrylate / epoxy resin based chemical anchoring grouts	MasterFlow 920 AN/ MasterFlow 936 AN	2/24	Post installation of rebars, fixing of bolts, shear connectors and bearing plates
Waterproofing and Sealants 6	Polyurethane sealants	MasterSeal 440		Expansion Joint
	Polysulphide sealants	MasterSeal CR 170/171	48	Expansion Joint with chemical resistance
	Re-injectable hose	MasterSeal 909		Construction Joint
	Hydro-swelling gaskets	MasterSeal 910		Construction Joint
	Waterproofing TPO tapes	MasterSeal 930		Sealing wide expansion / seismic joints
	Hydro-swelling injection resin	MasterSeal 901		Construction Joint
	Synthetic PVC waterproofing membranes	MasterSeal 700BG		Waterproofing of raft/foundation
	Pre-applied FPO waterproofing membrane	MasterSeal 754		Waterproofing of raft/foundation
	Cement and acrylic based flexible coating	MasterSeal 525		Waterproofing
	Cement and acrylic based flexible coating	MasterSeal 589		Waterproofing for negative-positive applications
	Cement based elastic and flexible, lightweight, hand or spray applied coating	MasterSeal 6100 FX	24	Waterproofing and protection
	Epoxy-polyurethane coating	MasterSeal M 336	24	Waterproofing and protection
	Polyurethane coating	MasterSeal M800		Waterproofing
	Hybrid Polyurethane-Polyurea coating	MasterSeal M811		Waterproofing



Sartaş Stainless Steel Center, Kocaeli
Grouts
Joint Sealants
Surface Improvement Products
Performance Flooring Systems



Production Plant

Production Areas



Warehouses & Loading Docks





Production Areas

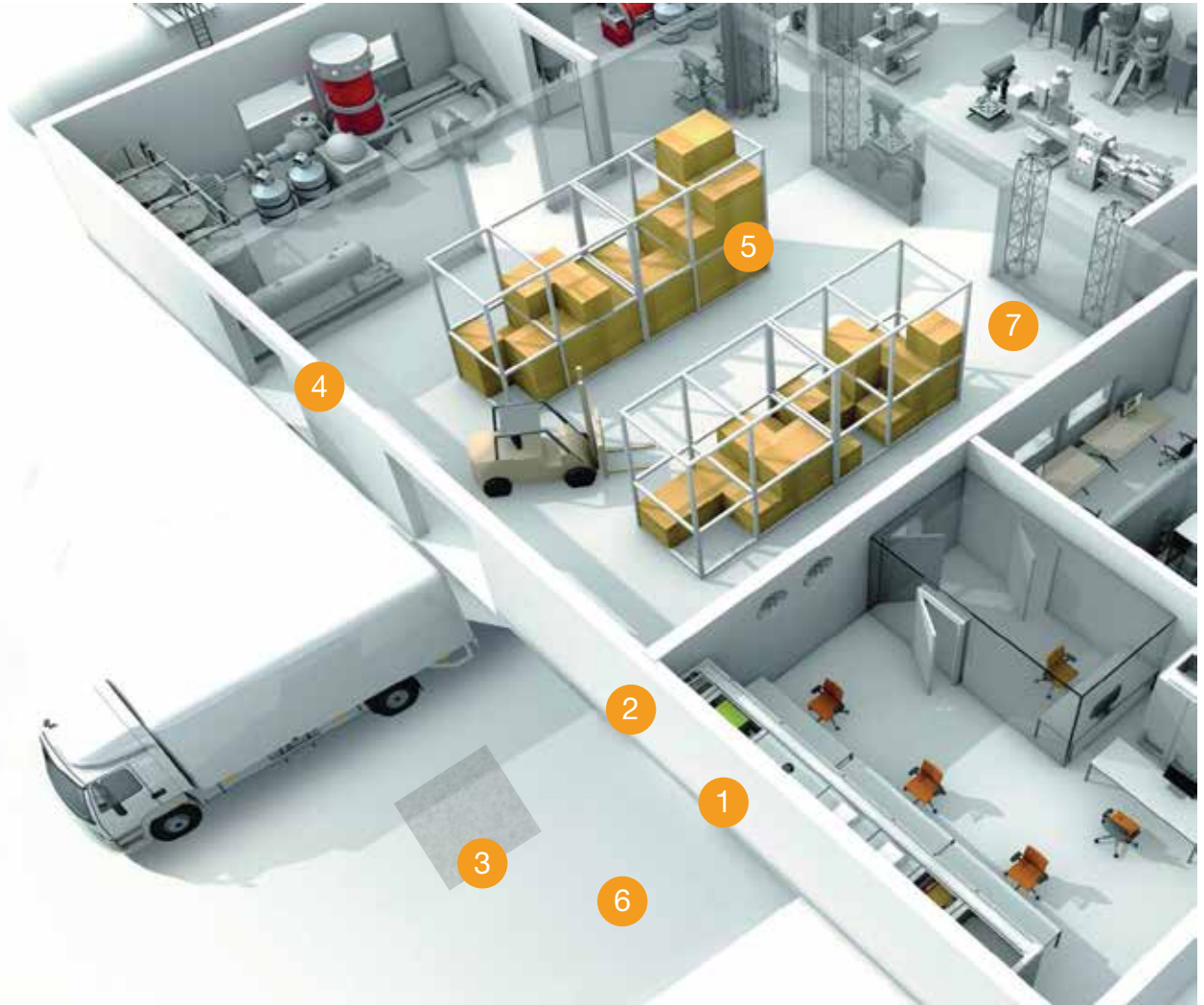


Selection Chart: Production Areas

Segment	Description	Product	Fast Solutions (Hour)	Application
Admixtures 1	High Range Superplasticizers - Normal and retarding	MasterGlenium		Normal & Mass concrete for raft/bundation, structural concrete
	Super slump retaining hyperplasticizer	MasterGlenium, MasterGlenium SKY		High performance & self compacting concrete
	Densified Silica Fume for cast and sprayed concrete	MasterRoc MS 610		Dense concrete with improved resistance to chemical and mechanical attack
	Shrinkage reducing admixture	MasterLife SRA 865		Mass concrete for raft/bundation
	New generation superplasticizer to improve rheology	MasterGlenium PAV 806		Concrete pavements, industrial floors, slab-on-ground
Surface Improvement 2	Structural fibre adding toughness and ductility to concrete	MasterFiber 240		Industrial floors, slab-on-ground, precast concrete
	Mould release agent	MasterFinish 235J		Smooth finish concrete surfaces
Concrete Repair and Protection 3	Non-film forming curing compound	MasterKure 181		Curing of concrete surfaces
	Epoxy based flowable adhesive	MasterBrace ADH 1420	24	Bonding agent for old to new concrete
	Epoxy based, non-sag, adhesive mortar	MasterBraceADH 1406	24	Concrete repair, anchorage, and bonding of construction materials (steel, concrete, brick.)
	Cement based, high build repair mortar	MasterEmaco S 488	24	Patch repair of structural members
	Cement based, pourable, structural repair mortar	MasterEmaco S 488 PG	24	Form & pour, repair of structural members
	Cement based, high strength and self compacting non-shrink grout	MasterEmaco S 423	24	Form & pour, volume repairs of structural members
	Ultra fast, extra high-strength, thixotropic structural repair mortar	MasterEmaco T1100 TIX	2	Patch repair of concrete, where high & rapid strength build-up, even at <0 °C are needed
	Ultra fast, extra high-strength, flowable structural repair mortar	MasterEmaco T1200 PG	2	Repair of horizontal surfaces that need to be opened to traffic swiftly, even at <0 °C
	Epoxy based injection resin	MasterInject 1302	24	Structural crack repair
	Acrylic polymer based elastomeric exterior coating	MasterProtect 330 EL	24	Protection of concrete and plastered surfaces from affects of frost, carbonation and salts
	Epoxy Coating	MasterProtect 180	24	Lining for storage tanks / water retaining tanks and splash zones
	Concrete Repair and Strengthening 4	Hydrophobization & Impregnation treatments	MasterProtect H 1100 / MasterProtect H 303	24
Surface applied corrosion inhibitor		MasterProtect 8000 CI	24	Corrosion protection of new and stopping of existing concrete structures
Grout & Anchorage 5	Carbone fibre composite strengthening systems	MasterBrace FIB, MasterBrace NET, MasterBrace LAM		Structural strengthening
	Cementitious precision grout	MasterFlow 928	24	Foundation mounting of machine/equipment/steel column
	High-strength epoxy grout & repair mortar	MasterFlow 402/ MasterFlow 402 RS	24	Foundation mounting of pump/equipment with heavy dynamic load
	Metallic aggregate reinforced, ultra-high strength and impact resistant grout	MasterFlow 4800	24	Mounting of turbines/generators/compressors with high dynamic and repetitive loading
Waterproofing and Sealants 6	Methacrylate / epoxy resin based chemical anchoring grouts	MasterFlow 920 AN/ MasterFlow 936 AN	2	Post installation of rebars, fixing of bolts, shear connectors and bearing plates
	Polysulphide sealants	MasterSeal CR 170/171	48	Expansion Joint with chemical resistance
	Hydro-swelling gaskets	MasterSeal 910		Construction Joint
	Waterproofing TPO tapes	MasterSeal 930		Sealing wide expansion / seismic joints
	Pre-applied FPO waterproofing membrane	MasterSeal 754		Waterproofing of raft/bundation
	Polyurethane coating	MasterSeal M800		Waterproofing
	Hybrid Polyurethane-Polyurea coating	MasterSeal M811		Waterproofing
Performance Flooring 7	Polyurea coating	MasterSeal M689	2	Waterproofing and protection
	High performance floor hardener with metallic aggregates	MasterTop 200		Floors subjected to high abrasion and impact
	High performance floor hardner with corundum aggregates	MasterTop 430		Floors subjected to abrasion
	High-strength cement based overlay	MasterTop 135 PG		Levelling/Reprofiling of indoor and outdoor concrete floors
	Epoxy or Polyurethane anti-static flooring systems	MasterTop 1273 AS, MasterTop 1324 AS, UCRETE MFAS		Floors with anti-static requirements
	Epoxy or Polyurethane anti-bacterial flooring systems	MasterTop 1324 AB, MasterTop 1325 AB		Floors with anti-bacterial requirements
	Epoxy floor coatings	MasterTop 1200 series		Protection and decoration of flooring surfaces
	Polyurethane floor coatings	MasterTop 1300 series		Protection and decoration of flooring surfaces
Dense, impervious, hygenic, long lived, heavy duty PU concrete flooring	UCRETE series	24	High abration, impact and chemical resistant, anti-skid floors (especially when wet)	



Warehouses & Loading Docks



Selection Chart: Warehouses & Loading Docks

Segment	Description	Product	Fast Solutions (Hour)	Application
Admixtures 1	High Range Superplasticizers - Normal and retarding	MasterGlenium		Normal & Mass concrete for raft/foundation, structural concrete
	Super slump retaining hyperplasticizer	MasterGlenium, MasterGlenium SKY		High performance & self compacting concrete
	Solution for "Smart Dynamic Concrete"	MasterMatrix SDC 100		Mass self compacting concrete with low fines
	Carrision Inhibitor admixture	MasterLife CI 222 Plus		Reinforced concrete
	Densified Silica Fume for cast and sprayed concrete	MasterRoc MS 610		Dense concrete with improved resistance to chemical and mechanical attack
	Shrinkage reducing admixture	MasterLife SRA 865		Mass concrete for raft/foundation
	Air entraining admixture for concrete	MasterAir		Normal & Mass concrete for raft/foundation, structural concrete
	New generation superplasticizer to improve rheology	MasterGlenium PAV 806		Concrete pavements, industrial floors, slab-on-ground
	Structural fibre adding toughness and ductility to concrete	MasterFiber 240		Industrial floors, slab-on-ground, precast concrete
Surface Improvement 2	Mould release agent	MasterFinish 235J		Smooth finish concrete surfaces
	Non-film forming curing compound	MasterKure 181		Curing of concrete surfaces
Concrete Repair and Protection 3	Epoxy based, non-sag, adhesive mortar	MasterBraceADH 1406	24	Concrete repair, anchorage, and bonding of construction materials(steel, concrete, brick.)
	Cement based, high build repair mortar	MasterEmaco S 488	24	Patch repair of structural members
	Cement based, pourable, structural repair mortar	MasterEmaco S 488 PG	24	Form & pour, repair of structural members
	Cement based, high strength and self compacting non-shrink grout	MasterEmaco S 423	24	Form & pour, volume repairs of structural members
	Ultra fast, extra high-strength, thixotropic structural repair mortar	MasterEmaco T1100 TIX	2	Patch repair of concrete, where high & rapid strength build-up, even at <0 °C are needed
	Ultra fast, extra high-strength, flowable structural repair mortar	MasterEmaco T1200 PG	2	Repair of horizontal surfaces that need to be opened to traffic swiftly, even at <0 °C
	Epoxy based injection resin	MasterInject 1302	24	Structural crack repair
Concrete Repair and Strengthening 4	Carbone fibre composite strengthening systems	MasterBrace FIB, MasterBrace NET, MasterBrace LAM		Structural strengthening
Grout & Anchorage 5	Cementitious precision grout	MasterFlow 928	24	Foundation mounting of machine/equipment/steel column
	High-strength epoxy grout & repair mortar	MasterFlow 402/ MasterFlow 402 RS	24 2	Foundation mounting of pump/equipment with heavy dynamic load
	Methacrylate / epoxy resin based chemical anchoring grouts	MasterFlow 920 AN/ MasterFlow 936 AN	2 24	Post installation of rebars, fixing of bolts, shear connectors and bearing plates
Waterproofing and Sealants 6	Polysulphide sealants	MasterSeal CR 170/171	48	Expansion Joint with chemical resistance
	Hydro-swelling gaskets	MasterSeal 910		Construction Joint
Performance Flooring 7	High performance floor hardener with metallic aggregates	MasterTop 200		Floors subjected to high abrasion and impact
	High performance floor hardner with corundum aggregates	MasterTop 430		Floors subjected to abrasion
	High-strength cement based overlay	MasterTop 135 PG		Levelling/Reprofiling of indoor and outdoor concrete floors
	Epoxy floor coatings	MasterTop 1200 series		Protection and decoration of flooring surfaces
	Polyurethane floor coatings	MasterTop 1300 series		Protection and decoration of flooring surfaces
	Dense, impervious, hygenic, long lived, heavy duty PU concrete flooring	UCRETE series	24	High abrasion, impact and chemical resistant, anti-skid floors (especially when wet)



Afşin Elbistan B Thermal Power Plant, Kahramanmaraş
Concrete Admixtures
Surface Improvement Products
Grout and Anchorage
Performance Flooring Systems
Concrete Repair and Strengthening



Environmental Processes

Chimneys & Stacks



Secondary Containment



Waste Handling





Chimneys & Stacks

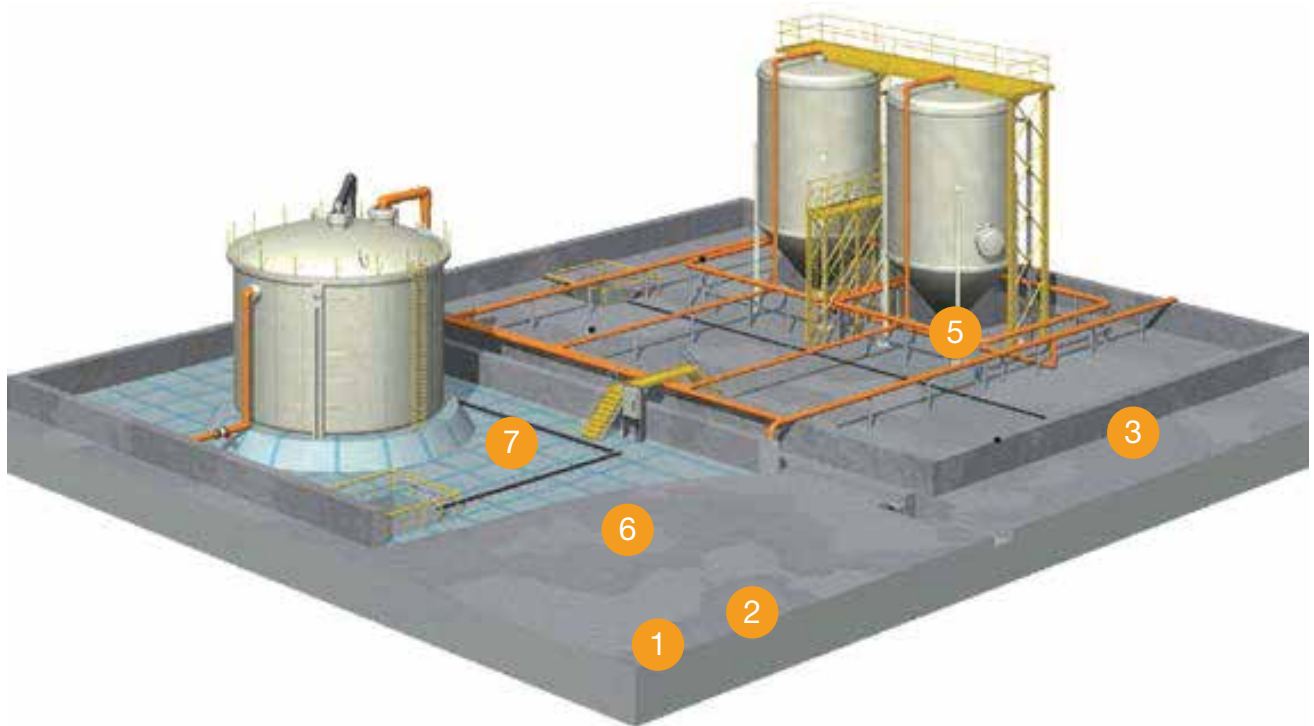


Selection Chart: Chimneys & Stacks

Segment	Description	Product	Fast Solutions (Hour)	Application
Admixtures 1	High Range Superplasticizers - Normal and retarding	MasterGlenium		Normal & Mass concrete for raft/foundation, structural concrete
	Super slump retaining hyperplasticizer	MasterGlenium, MasterGlenium SKY		High performance & self compacting concrete
	Solution for "Smart Dynamic Concrete"	MasterMatrix SDC 100		Mass self compacting concrete with low fines
	Carrision Inhibitor admixture	MasterLife CI 222 Plus		Reinforced concrete
	Densified Silica Fume for cast and sprayed concrete	MasterRoc MS 610		Dense concrete with improved resistance to chemical and mechanical attack
	Waterproofing Admixture	MasterLife WP 701		Normal & Mass concrete for raft/foundation, structural concrete
	Shrinkage reducing admixture	MasterLife SRA 865		Mass concrete for raft/foundation
	Air entraining admixture for concrete	MasterAir		Normal & Mass concrete for raft/foundation, structural concrete
Surface Improvement 2	Mould release agent	MasterFinish 235J		Smooth finish concrete surfaces
	Non-film forming curing compound	MasterKure 181		Curing of concrete surfaces
Concrete Repair and Protection 3	Epoxy based, non-sag, adhesive mortar	MasterBraceADH 1406	24	Concrete repair, anchorage, and bonding of construction materials (steel, concrete, brick..)
	Cement based, high build repair mortar	MasterEmaco S 488	24	Patch repair of structural members
	Cement based, high strength and self compacting non-shrink grout	MasterEmaco S 423	24	Form & pour, volume repairs of structural members
	Ultra fast, extra high-strength, thixotropic structural repair mortar	MasterEmaco T1100 TIX	2	Patch repair of concrete, where high & rapid strength build-up, even at <0 °C are needed
	Cement based repair mortar	MasterEmaco N900	24	Refilling mortar for finishing the concrete surfaces
	Epoxy based injection resin	MasterInject 1302	24	Structural crack repair
	Acrylic polymer based elastomeric exterior coating	MasterProtect 330 EL	24	Protection of concrete and plastered surfaces from affects of frost, carbonation and salts
	Hydrophobization & Impregnation treatments	MasterProtect H 1100 / MasterProtect H 303	24	Protection for external concrete surfaces
Surface applied corrosion inhibitor	MasterProtect 8000 CI	24	Corrosion protection of new and stopping of existing concrete structures	
Concrete Repair and Strengthening 4	Carbone fibre composite strengthening systems	MasterBrace FIB, MasterBrace NET, MasterBrace LAM		Structural strengthening
Grout & Anchorage 5	Fast&easy cementitious anchoring grout	MasterFlow 960 TIX	2	Structural anchoring of rebars and bolts, even in wet concrete or when high temp resistance req'd
	Methacrylate / epoxy resin based chemical anchoring grouts	MasterFlow 920 AN/ MasterFlow 936 AN	2, 24	Post installation of rebars, fixing of bolts, shear connectors and bearing plates
Waterproofing and Sealants 6	Epoxy-polyurethane coating	MasterSeal M 336	24	Waterproofing and protection
	Polyurea coating	MasterSeal M689	2	Waterproofing and protection



Secondary Containment



Selection Chart: Secondary Containment

Segment	Description	Product	Fast Solutions (Hour)	Application
Admixtures 1	Carrision Inhibitor admixture	MasterLife CI 222 Plus		Reinforced concrete
	Densified Silica Fume for cast and sprayed concrete	MasterRoc MS 610		Dense concrete with improved resistance to chemical and mechanical attack
	Waterproofing Admixture	MasterLife WP 701		Normal & Mass concrete for raft/bundation, structural concrete
	Shrinkage reducing admixture	MasterLife SRA 865		Mass concrete for raft/bundation
	Air entraining admixture for concrete	MasterAir		Normal & Mass concrete for raft/bundation, structural concrete
	New generation superplasticizer to improve rheology	MasterGlenium PAV 806		Concrete pavements, industrial floors, slab-on-ground
	Structural fibre adding toughness and ductility to concrete	MasterFiber 240		Industrial floors, slab-on-ground, precast concrete
Surface Improvement 2	Mould release agent	MasterFinish 235J		Smooth finish concrete surfaces
	Non-film forming curing compound	MasterKure 181		Curing of concrete surfaces
Concrete Repair and Protection 3	Epoxy based, non-sag, adhesive mortar	MasterBraceADH 1406	24	Concrete repair, anchorage, and bonding of construction materials(steel, concrete, brick..)
	Cement based, high build repair mortar	MasterEmaco S 488	24	Patch repair of structural members
	Cement based, pourable, structural repair mortar	MasterEmaco S 488 PG	24	Form & pour, repair of structural members
	Cement based, high strength and self compacting non-shrink grout	MasterEmaco S 423	24	Form & pour, volume repairs of structural members
	Ultra fast, extra high-strength, thixotropic structural repair mortar	MasterEmaco T1100 TIX	2	Patch repair of concrete, where high & rapid strength build-up, even at <0 °C are needed
	Ultra fast, extra high-strength, flowable structural repair mortar	MasterEmaco T1200 PG	2	Repair of horizontal surfaces that need to be opened to traffic swiftly, even at <0 °C
	Epoxy based injection resin	MasterInject 1302	24	Structural crack repair
	Epoxy Coating	MasterProtect 180	24	Lining for storage tanks / water retaining tanks and splash zones
Grout & Anchorage 5	Cementitious precision grout	MasterFlow 928	24	Foundation mounting of machine/equipment/steel column
	High-strength epoxy grout & repair mortar	MasterFlow 402/ MasterFlow 402 RS	24	Foundation mounting of pump/equipment with heavy dynamic load
	Fast&easy cementitious anchoring grout	MasterFlow 960 TIX	2	Structural anchoring of rebars and bolts, even in wet concrete or when high temp resistance req'd
	Methacrylate / epoxy resin based chemical anchoring grouts	MasterFlow 920 AN/ MasterFlow 936 AN	2	Post installation of rebars, fixing of bolts, shear connectors and bearing plates
Waterproofing and Sealants 6	Polysulphide sealants	MasterSeal CR 170/171	48	Expansion Joint with chemical resistance
	Hydro-swelling gaskets	MasterSeal 910		Construction Joint
	Waterproofing TPO tapes	MasterSeal 930		Sealing wide expansion / seismic joints
	Epoxy-polyurethane coating	MasterSeal M 336	24	Waterproofing and protection
	Polyurea coating	MasterSeal M689	2	Waterproofing and protection
Performance Flooring 7	Dense, impervious, hygenic, long lived, heavy duty PU concrete flooring	UCRETE series	24	High abrasion, impact and chemical resistant, anti-skid floors (especially when wet)



Waste Handling



Selection Chart: Waste Handling

Segment	Description	Product	Fast Solutions (Hour)	Application
Admixtures 1	High Range Superplasticizers - Normal and retarding	MasterGlenium		Normal & Mass concrete for raft/foundation, structural concrete
	Super slump retaining hyperplasticizer	MasterGlenium, MasterGlenium SKY		High performance & self compacting concrete
	Carrision Inhibitor admixture	MasterLife CI 222 Plus		Reinforced concrete
	Densified Silica Fume for cast and sprayed concrete	MasterRoc MS 610		Dense concrete with improved resistance to chemical and mechanical attack
	Waterproofing Admixture	MasterLife WP 701		Normal & Mass concrete for raft/foundation, structural concrete
	Shrinkage reducing admixture	MasterLife SRA 865		Mass concrete for raft/foundation
	Air entraining admixture for concrete	MasterAir		Normal & Mass concrete for raft/foundation, structural concrete
Surface Improvement 2	Mould release agent	MasterFinish 235J		Smooth finish concrete surfaces
	Non-film forming curing compound	MasterKure 181		Curing of concrete surfaces
Concrete Repair and Protection 3	Epoxy based, non-sag, adhesive mortar	MasterBraceADH 1406	24	Concrete repair, anchorage, and bonding of construction materials (steel, concrete, brick..)
	Cement based, high build repair mortar	MasterEmaco S 488	24	Patch repair of structural members
	Cement based, pourable, structural repair mortar	MasterEmaco S 488 PG	24	Form & pour, repair of structural members
	Cement based, high strength and self compacting non-shrink grout	MasterEmaco S 423	24	Form & pour, volume repairs of structural members
	Ultra fast, extra high-strength, thixotropic structural repair mortar	MasterEmaco T1100 TIX	2	Patch repair of concrete, where high & rapid strength build-up, even at <0 °C are needed
	Ultra fast, extra high-strength, flowable structural repair mortar	MasterEmaco T1200 PG	2	Repair of horizontal surfaces that need to be opened to traffic swiftly, even at <0 °C
	Epoxy based injection resin	MasterInject 1302	24	Structural crack repair
	Acrylic polymer based elastomeric exterior coating	MasterProtect 330 EL	24	Protection of concrete and plastered surfaces from affects of frost, carbonation and salts
	Epoxy Coating	MasterProtect 180	24	Lining for storage tanks / water retaining tanks and splash zones
	Hydrophobization & Impregnation treatments	MasterProtect H 1100 / MasterProtect H 303	24	Protection for external concrete surfaces
	Surface applied corrosion inhibitor	MasterProtect 8000 CI	24	Corrosion protection of new and stopping of existing concrete structures
Concrete Repair and Strengthening 4	Carbone fibre composite strengthening systems	MasterBrace FIB, MasterBrace NET, MasterBrace LAM		Structural strengthening
Grout & Anchorage 5	Cementitious precision grout	MasterFlow 928	24	Foundation mounting of machine/equipment/steel column
	High-strength epoxy grout & repair mortar	MasterFlow 402/ MasterFlow 402 RS	24, 2	Foundation mounting of pump/equipment with heavy dynamic load
	Metallic aggregate reinforced, ultra-high strength and impact resistant grout	MasterFlow 4800	24	Mounting of turbines/generators/compressors with high dynamic and repetitive loading
	Methacrylate / epoxy resin based chemical anchoring grouts	MasterFlow 920 AN/ MasterFlow 936 AN	2, 24	Post installation of rebars, fixing of bolts, shear connectors and bearing plates
Waterproofing and Sealants 6	Polysulphide sealants	MasterSeal CR 170/171	48	Expansion Joint with chemical resistance
	Hydro-swelling gaskets	MasterSeal 910		Construction Joint
	Polyurea coating	MasterSeal M689	2	Waterproofing and protection



Ataköy Biological Water Treatment Plant, Istanbul
Concrete Repair and Strengthening
Waterproofing and Joint Sealants



Water Cooling, Movement and Treatment

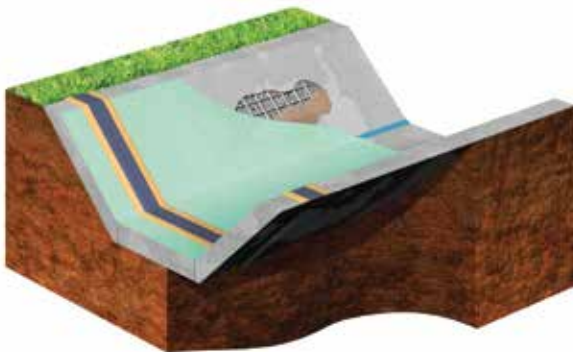
Cooling Towers



Raw Water Intake Structures & Reservoirs



Water Channels & Basins

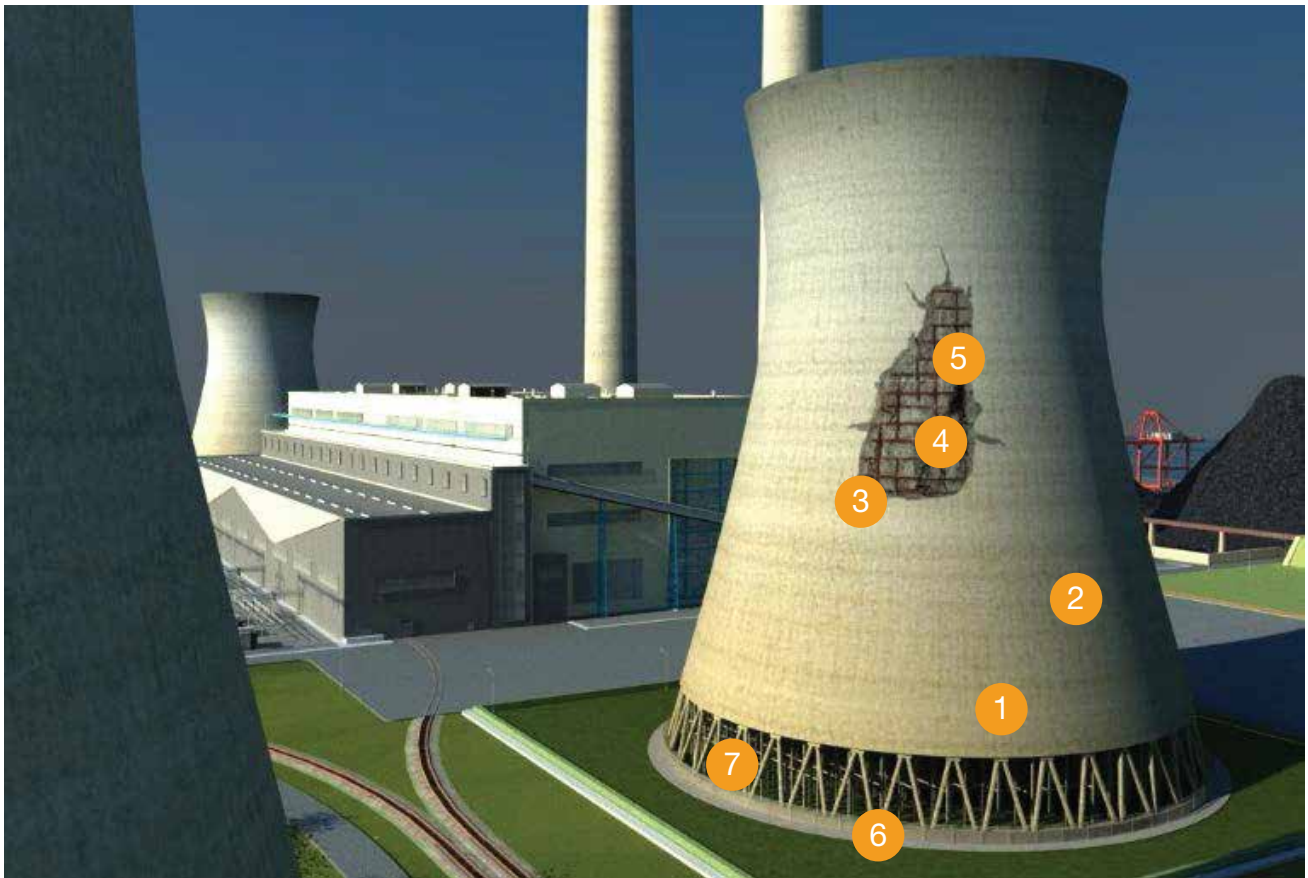


Waste Water Treatment Plant





Cooling Towers

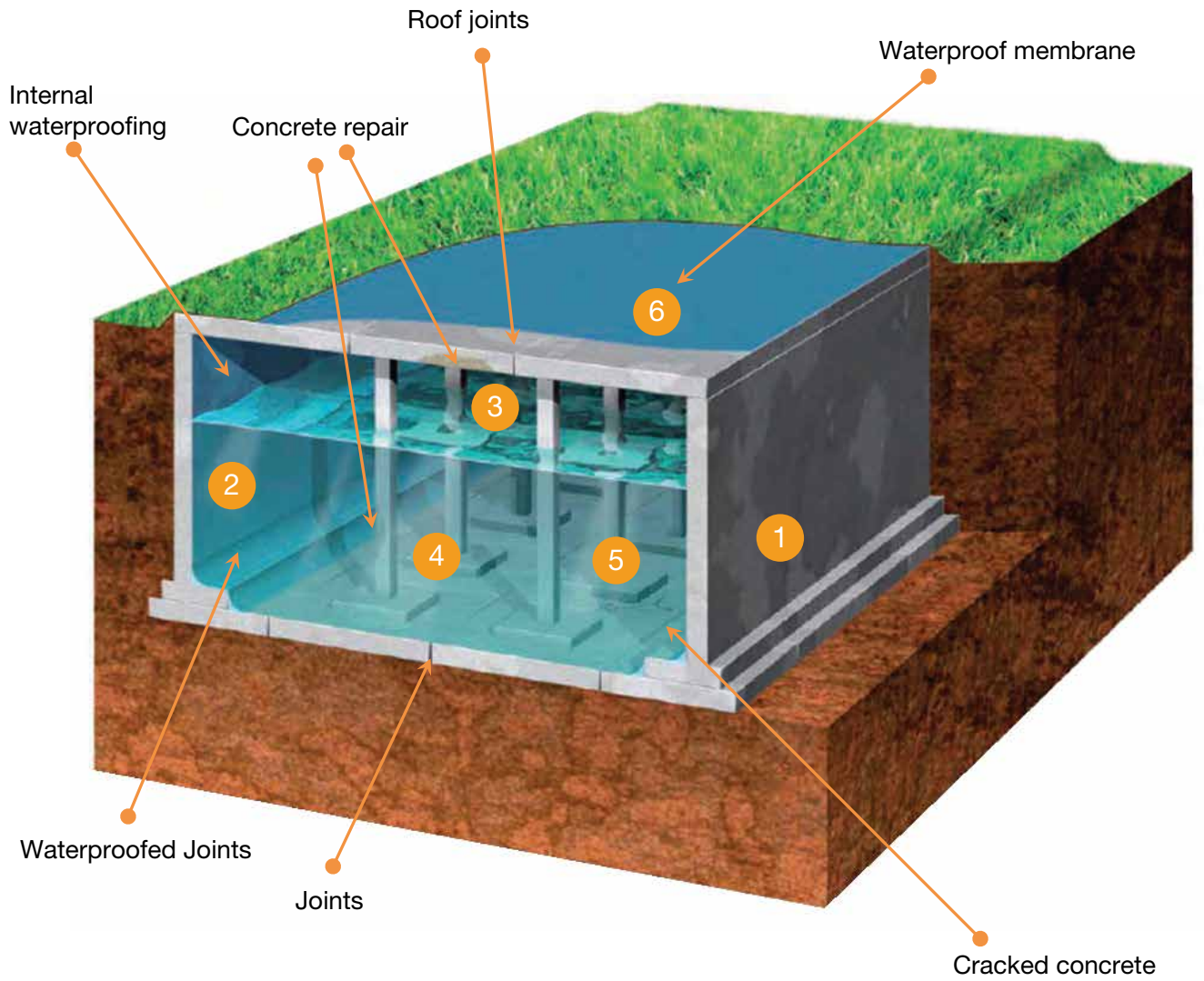


Selection Chart: Cooling Towers

Segment	Description	Product	Fast Solutions (Hour)	Application
Admixtures 1	High Range Superplasticizers - Normal and retarding	MasterGlenium		Normal & Mass concrete for raft/foundation, structural concrete
	Super slump retaining hyperplasticizer	MasterGlenium, MasterGlenium SKY		High performance & self compacting concrete
	Solution for "Smart Dynamic Concrete"	MasterMatrix SDC 100		Mass self compacting concrete with low fines
	Carrision Inhibitor admixture	MasterLife CI 222 Plus		Reinforced concrete
	Densified Silica Fume for cast and sprayed concrete	MasterRoc MS 610		Dense concrete with improved resistance to chemical and mechanical attack
	Waterproofing Admixture	MasterLife WP 701		Normal & Mass concrete for raft/foundation, structural concrete
	Shrinkage reducing admixture	MasterLife SRA 865		Mass concrete for raft/foundation
	Air entraining admixture for concrete	MasterAir		Normal & Mass concrete for raft/foundation, structural concrete
	Structural fibre adding toughness and ductility to concrete	MasterFiber 240		Industrial floors, slab-on-ground, precast concrete
Surface Improvement 2	Mould release agent	MasterFinish 235J		Smooth finish concrete surfaces
	Non-film forming curing compound	MasterKure 181		Curing of concrete surfaces
Concrete Repair and Protection 3	Epoxy based flowable adhesive	MasterBrace ADH 1420	24	Bonding agent for old to new concrete
	Epoxy based, non-sag, adhesive mortar	MasterBraceADH 1406	24	Concrete repair, anchorage, and bonding of construction materials (steel, concrete, brick..)
	Cement based, high build repair mortar	MasterEmaco S 488	24	Patch repair of structural members
	Cement based, high strength and self compacting non-shrink grout	MasterEmaco S 423	24	Form & pour, volume repairs of structural members
	Ultra fast, extra high-strength, thixotropic structural repair mortar	MasterEmaco T1100 TIX	2	Patch repair of concrete, where high & rapid strength build-up, even at <0°C are needed
	Ultra fast, extra high-strength, flowable structural repair mortar	MasterEmaco T1200 PG	2	Repair of horizontal surfaces that need to be opened to traffic swiftly, even at <0°C
	Cement based repair mortar	MasterEmaco N 900	24	Reprofiling mortar for finishing the concrete surfaces
	Epoxy based injection resin	MasterInject 1302	24	Structural crack repair
	Epoxy based, fast setting, water tolerant injection resin	MasterInject 1380	24	Structural repair of water saturated cracks
	Acrylic polymer based elastomeric exterior coating	MasterProtect 330 EL	24	Protection of concrete and plastered surfaces from affects of frost, carbonation and salts
	Epoxy Coating	MasterProtect 180	24	Lining for storage tanks / water retaining tanks and splash zones
	Hydrophobization & Impregnation treatments	MasterProtect H 1100 / MasterProtect H 303	24	Protection for external concrete surfaces
	Surface applied corrosion inhibitor	MasterProtect 8000 CI	24	Corrosion protection of new and stopping of existing concrete structures
Concrete Repair and Strengthening 4	Carbone fibre composite strengthening systems	MasterBrace FIB, MasterBrace NET, MasterBrace LAM		Structural strengthening
Grout & Anchorage 5	Cementitious precision grout	MasterFlow 928	24	Foundation mounting of machine/equipment/steel column
	High-strength epoxy grout & repair mortar	MasterFlow 402/ MasterFlow 402 RS	24	Foundation mounting of pump/equipment with heavy dynamic load
	Fast&easy cementitious anchoring grout	MasterFlow 960 TIX	2	Structural anchoring of rebars and bolts, even in wet concrete or when high temp resistance req'd
	Methacrylate / epoxy resin based chemical anchoring grouts	MasterFlow 920 AN/ MasterFlow 936 AN	2	Post installation of rebars, fixing of bolts, shear connectors and bearing plates
Waterproofing and Sealants 6	Polysulphide sealants	MasterSeal CR 170/171	48	Expansion Joint with chemical resistance
	Re-injectable hose	MasterSeal 909		Construction Joint
	Hydro-swelling gaskets	MasterSeal 910		Construction Joint
	Waterproofing TPO tapes	MasterSeal 930		Sealing wide expansion / seismic joints
	Hydro-swelling injection resin	MasterSeal 901		Construction Joint
	Epoxy-polyurethane coating	MasterSeal M 336	24	Waterproofing and protection
	Polyurethane coating	MasterSeal M800		Waterproofing
	Hybrid Polyurethane-Polyurea coating	MasterSeal M811		Waterproofing
Polyurea coating	MasterSeal M689	2	Waterproofing and protection	
Performance Flooring 7	High performance floor hardner with corundum aggregates	MasterTop 430		Floors subjected to abrasion
	Epoxy floor coatings	MasterTop 1200 series		Protection and decoration of flooring surfaces
	Dense, impervious, hygenic, long lived, heavy duty PU concrete flooring	UCRETE series	24	High abrasion, impact and chemical resistant, anti-skid floors (especially when wet)



Raw Water Intake Structures & Reservoirs

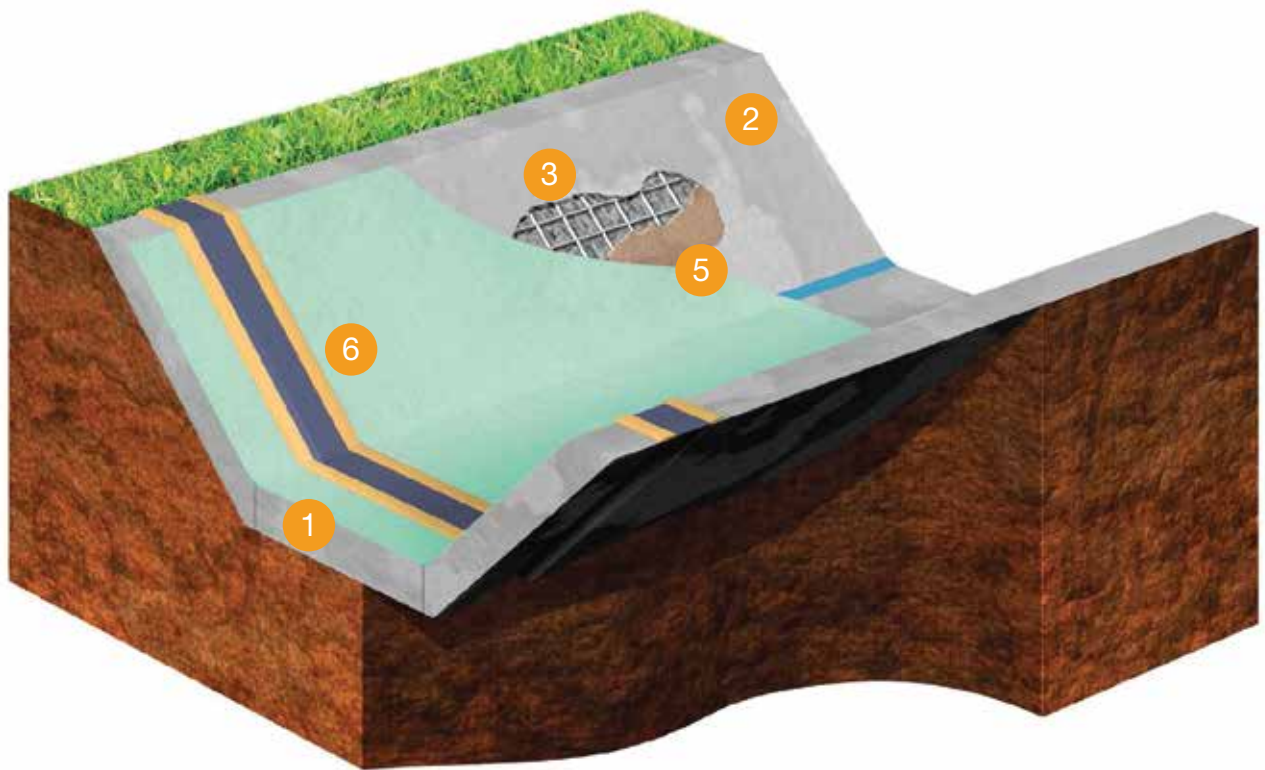


Selection Chart: Raw Water Intake Structures & Reservoirs

Segment	Description	Product	Fast Solutions (Hour)	Application
Admixtures 1	High Range Superplasticizers - Normal and retarding	MasterGlenium		Normal & Mass concrete for raft/foundation, structural concrete
	Super slump retaining hyperplasticizer	MasterGlenium, MasterGlenium SKY		High performance & self compacting concrete
	Solution for "Smart Dynamic Concrete"	MasterMatrix SDC 100		Mass self compacting concrete with low fines
	Carrision Inhibitor admixture	MasterLife CI 222 Plus		Reinforced concrete
	Densified Silica Fume for cast and sprayed concrete	MasterRoc MS 610		Dense concrete with improved resistance to chemical and mechanical attack
	Waterproofing Admixture	MasterLife WP 701		Normal & Mass concrete for raft/foundation, structural concrete
	Air entraining admixture for concrete	MasterAir		Normal & Mass concrete for raft/foundation, structural concrete
Surface Improvement 2	Mould release agent	MasterFinish 235J		Smooth finish concrete surfaces
	Non-film forming curing compound	MasterKure 181		Curing of concrete surfaces
Concrete Repair and Protection 3	Epoxy based flowable adhesive	MasterBrace ADH 1420	24	Bonding agent for old to new concrete
	Epoxy based, non-sag, adhesive mortar	MasterBraceADH 1406	24	Concrete repair, anchorage, and bonding of construction materials (steel, concrete, brick..)
	Cement based, high build repair mortar	MasterEmaco S 488	24	Patch repair of structural members
	Cement based, pourable, structural repair mortar	MasterEmaco S 488 PG	24	Form & pour, repair of structural members
	Cement based, high strength and self compacting non-shrink grout	MasterEmaco S 423	24	Form & pour, volume repairs of structural members
	Ultra fast, extra high-strength, thixotropic structural repair mortar	MasterEmaco T1100 TIX	2	Patch repair of concrete, where high & rapid strength build-up, even at <0°C are needed
	Ultra fast, extra high-strength, flowable structural repair mortar	MasterEmaco T1200 PG	2	Repair of horizontal surfaces that need to be opened to traffic swiftly, even at <0 °C
	Epoxy based injection resin	MasterInject 1302	24	Structural crack repair
	Epoxy based, fast setting, water tolerant injection resin	MasterInject 1380	24	Structural repair of water saturated cracks
	Acrylic polymer based elastomeric exterior coating	MasterProtect 330 EL	24	Protection of concrete and plastered surfaces from affects of frost, carbonation and salts
	Epoxy Coating	MasterProtect 180	24	Lining for storage tanks / water retaining tanks and splash zones
	Hydrophobization & Impregnation treatments	MasterProtect H 1100 / MasterProtect H 303	24	Protection for external concrete surfaces
	Surface applied corrosion inhibitor	MasterProtect 8000 CI	24	Corrosion protection of new and stopping of existing concrete structures
Concrete Repair and Strengthening 4	Carbone fibre composite strengthening systems	MasterBrace FIB, MasterBrace NET, MasterBrace LAM		Structural strengthening
Grout & Anchorage 5	Cementitious precision grout	MasterFlow 928	24	Foundation mounting of machine/equipment/steel column
	High-strength epoxy grout & repair mortar	MasterFlow 402/ MasterFlow 402 RS	24 2	Foundation mounting of pump/equipment with heavy dynamic load
	Methacrylate / epoxy resin based chemical anchoring grouts	MasterFlow 920 AN/ MasterFlow 936 AN	2 24	Post installation of rebars, fixing of bolts, shear connectors and bearing plates
Waterproofing and Sealants 6	Polysulphide sealants	MasterSeal CR 170/171	48	Expansion Joint with chemical resistance
	Re-injectable hose	MasterSeal 909		Construction Joint
	Hydro-swelling gaskets	MasterSeal 910		Construction Joint
	Waterproofing TPO tapes	MasterSeal 930		Sealing wide expansion / seismic joints
	Hydro-swelling injection resin	MasterSeal 901		Construction Joint
	Synthetic PVC waterproofing membranes	MasterSeal 700BG		Waterproofing of raft/foundation
	Pre-applied FPO waterproofing membrane	MasterSeal 754		Waterproofing of raft/foundation
	Cement and acrylic based flexible coating	MasterSeal 525		Waterproofing
	Cement and acrylic based flexible coating	MasterSeal 589		Waterproofing for negative-positive applications
	Cement based elastic and flexible, lightweight, hand or spray applied coating	MasterSeal 6100 FX	24	Waterproofing and protection
	Epoxy-polyurethane coating	MasterSeal M 336	24	Waterproofing and protection
	Polyurethane coating	MasterSeal M800		Waterproofing
	Hybrid Polyurethane-Polyurea coating	MasterSeal M811		Waterproofing
Polyurea coating	MasterSeal M689	2	Waterproofing and protection	



Water Channels & Basins



Selection Chart: Water Channels & Basins

Segment	Description	Product	Fast Solutions (Hour)	Application
Admixtures 1	High Range Superplasticizers - Normal and retarding	MasterGlenium		Normal & Mass concrete for raft/bundation, structural concrete
	Super slump retaining hyperplasticizer	MasterGlenium, MasterGlenium SKY		High performance & self compacting concrete
	Solution for "Smart Dynamic Concrete"	MasterMatrix SDC 100		Mass self compacting concrete with low fines
	Carrision Inhibitor admixture	MasterLife CI 222 Plus		Reinforced concrete
	Densified Silica Fume for cast and sprayed concrete	MasterRoc MS 610		Dense concrete with improved resistance to chemical and mechanical attack
	Waterproofing Admixture	MasterLife WP 701		Normal & Mass concrete for raft/bundation, structural concrete
	Shrinkage reducing admixture	MasterLife SRA 865		Mass concrete for raft/foundation
	New generation high performance Superplasticizer	MasterGlenium ACE 450		Precast concrete
	Air entraining admixture for concrete	MasterAir		Normal & Mass concrete for raft/bundation, structural concrete
	New generation superplasticizer to improve rheology	MasterGlenium PAV 806		Concrete pavements, industrial floors, slab-on-ground
Structural fibre adding toughness and ductility to concrete	MasterFiber 240		Industrial floors, slab-on-ground, precast concrete	
Surface Improvement 2	Mould release agent	MasterFinish 235J		Smooth finish concrete surfaces
	Non-film forming curing compound	MasterKure 181		Curing of concrete surfaces
Concrete Repair and Protection 3	Epoxy based flowable adhesive	MasterBrace ADH 1420	24	Bonding agent for old to new concrete
	Epoxy based, non-sag, adhesive mortar	MasterBraceADH 1406	24	Concrete repair, anchorage, and bonding of construction materials (steel, concrete, brick.)
	Cement based, high build repair mortar	MasterEmaco S 488	24	Patch repair of structural members
	Cement based, pourable, structural repair mortar	MasterEmaco S 488 PG	24	Form & pour, repair of structural members
	Cement based, high strength and self compacting non-shrink grout	MasterEmaco S 423	24	Form & pour, volume repairs of structural members
	Ultra fast, extra high-strength, thixotropic structural repair mortar	MasterEmaco T1100 TIX	2	Patch repair of concrete, where high & rapid strength build-up, even at <0 °C are needed
	Ultra fast, extra high-strength, flowable structural repair mortar	MasterEmaco T1200 PG	2	Repair of horizontal surfaces that need to be opened to traffic swiftly, even at <0 °C
	Epoxy based injection resin	MasterInject 1302	24	Structural crack repair
	Epoxy based, fast setting, water tolerant injection resin	MasterInject 1380	24	Structural repair of water saturated cracks
Epoxy Coating	MasterProtect 180	24	Lining for storage tanks / water retaining tanks and splash zones	
Grout & Anchorage 5	Fast & easy cementitious anchoring grout	MasterFlow 960 TIX	2	Structural anchoring of rebars and bolts, even in wet concrete, or when high temp resistance req'd
	Methacrylate / epoxy resin based chemical anchoring grouts	MasterFlow 920 AN/ MasterFlow 936 AN	24	Post installation of rebars, fixing of bolts, shear connectors and bearing plates
Waterproofing and Sealants 6	Polysulphide sealants	MasterSeal CR 170/171	48	Expansion Joint with chemical resistance
	Re-injectable hose	MasterSeal 909		Construction Joint
	Hydro-swelling gaskets	MasterSeal 910		Construction Joint
	Waterproofing TPO tapes	MasterSeal 930		Sealing wide expansion / seismic joints
	Hydro-swelling injection resin	MasterSeal 901		Construction Joint
	Synthetic PVC waterproofing membranes	MasterSeal 700BG		Waterproofing of raft/foundation
	Cement and acrylic based flexible coating	MasterSeal 525		Waterproofing
	Cement and acrylic based flexible coating	MasterSeal 589		Waterproofing for negative-positive applications
	Cement based elastic and flexible, lightweight, hand or spray applied coating	MasterSeal 6100 FX	24	Waterproofing and protection
	Epoxy-polyurethane coating	MasterSeal M 336	24	Waterproofing and protection
	Polyurethane coating	MasterSeal M800		Waterproofing
	Hybrid Polyurethane-Polyurea coating	MasterSeal M811		Waterproofing
Polyurea coating	MasterSeal M689	2	Waterproofing and protection	



Waste Water Treatment Plant



Selection Chart: Waste Water Treatment Plant

Segment	Description	Product	Fast Solutions (Hour)	Application
Admixtures 1	High Range Superplasticizers - Normal and retarding	MasterGlenium		Normal & Mass concrete for raft/foundation, structural concrete
	Super slump retaining hyperplasticizer	MasterGlenium, MasterGlenium SKY		High performance & self compacting concrete
	Solution for "Smart Dynamic Concrete"	MasterMatrix SDC 100		Mass self compacting concrete with low fines
	Carrision Inhibitor admixture	MasterLife CI 222 Plus		Reinforced concrete
	Densified Silica Fume for cast and sprayed concrete	MasterRoc MS 610		Dense concrete with improved resistance to chemical and mechanical attack
	Waterproofing Admixture	MasterLife WP 701		Normal & Mass concrete for raft/foundation, structural concrete
	Shrinkage reducing admixture	MasterLife SRA 865		Mass concrete for raft/foundation
	Air entraining admixture for concrete	MasterAir		Normal & Mass concrete for raft/foundation, structural concrete
	Structural fibre adding toughness and ductility to concrete	MasterFiber 240		Industrial floors, slab-on-ground, precast concrete
Surface Improvement 2	Mould release agent	MasterFinish 235J		Smooth finish concrete surfaces
	Non-film forming curing compound	MasterKure 181		Curing of concrete surfaces
Concrete Repair and Protection 3	Epoxy based flowable adhesive	MasterBrace ADH 1420	24	Bonding agent for old to new concrete
	Epoxy based, non-sag, adhesive mortar	MasterBraceADH 1406	24	Concrete repair, anchorage, and bonding of construction materials (steel, concrete, brick..)
	Cement based, high build repair mortar	MasterEmaco S 488	24	Patch repair of structural members
	Cement based, pourable, structural repair mortar	MasterEmaco S 488 PG	24	Form & pour, repair of structural members
	Cement based, high strength and self compacting non-shrink grout	MasterEmaco S 423	24	Form & pour, volume repairs of structural members
	Ultra fast, extra high-strength, thixotropic structural repair mortar	MasterEmaco T1100 TIX	2	Patch repair of concrete, where high & rapid strength build-up, even at <0° C are needed
	Ultra fast, extra high-strength, flowable structural repair mortar	MasterEmaco T1200 PG	2	Repair of horizontal surfaces that need to be opened to traffics wiftly, even at <0° C
	Epoxy based injection resin	MasterInject 1302	24	Structural crack repair
	Epoxy based, fast setting, water tolerant injection resin	MasterInject 1380	24	Structural repair of water saturated cracks
	Acrylic polymer based elastomeric exterior coating	MasterProtect 330 EL	24	Protection of concrete and plastered surfaces from affects of frost, carbonation and salts
	Epoxy Coating	MasterProtect 180	24	Lining for storage tanks / water retaining tanks and splash zones
	Hydrophobization & Impregnation treatments	MasterProtect H 1100 / MasterProtect H 303	24	Protection for external concrete surfaces
	Surface applied corrosion inhibitor	MasterProtect 8000 CI	24	Corrosion protection of new and stopping of existing concrete structures
Concrete Repair and Strengthening 4	Carbone fibre composite strengthening systems	MasterBrace FIB, MasterBrace NET, MasterBrace LAM		Structural strengthening
Grout & Anchorage 5	Cementitious precision grout	MasterFlow 928	24	Foundation mounting of machine/equipment/ steel column
	Fast & easy cementitious anchoring grout	MasterFlow 960 TIX	2	Structural anchoring of rebars and bolts, even in wet concrete, or when high temp resistance req'd
	Methacrylate / epoxy resin based chemical anchoring grouts	MasterFlow 920 AN/ MasterFlow 936 AN	2, 24	Post installation of rebars, fixing of bolts, shear connectors and bearing plates
Waterproofing and Sealants 6	Polyurethane sealants	MasterSeal 440		Expansion Joint
	Polysulphide sealants	MasterSeal CR 170/171	48	Expansion Joint with chemical resistance
	Re-injectable hose	MasterSeal 909		Construction Joint
	Hydro-swelling gaskets	MasterSeal 910		Construction Joint
	Waterproofing TPO tapes	MasterSeal 930		Sealing wide expansion / seismic joints
	Hydro-swelling injection resin	MasterSeal 901		Construction Joint
	Synthetic PVC waterproofing membranes	MasterSeal 700BG		Waterproofing of raft/foundation
	Pre-applied FPO waterproofing membrane	MasterSeal 754		Waterproofing of raft/foundation
	Cement and acrylic based flexible coating	MasterSeal 525		Waterproofing
	Cement and acrylic based flexible coating	MasterSeal 589		Waterproofing for negative-positive applications
	Epoxy-polyurethane coating	MasterSeal M 336	24	Waterproofing and protection
	Polyurethane coating	MasterSeal M800		Waterproofing
	Hybrid Polyurethane-Polyurea coating	MasterSeal M811		Waterproofing
Polyurea coating	MasterSeal M689	2	Waterproofing and protection	
Performance Flooring 7	Epoxy floor coatings	MasterTop 1200 series		Protection and decoration of flooring surfaces
	Dense, impervious, hygenic, long lived, heavy duty PU concrete flooring	UCRETE series	24	High abrasion, impact and chemical resistant, anti-skid floors (especially when wet)



Anel Group, Istanbul
Anti-static Flooring Systems
Roof Waterproofing



Auxiliary Buildings: Administration Building, Control Room, Electrical Room, Kitchen, Laboratory..














Auxiliary Buildings



Flooring Solutions

- | | |
|--|--|
|  a) Reception: MasterTop® 1324 |  f) Kitchen: Ucrete® |
|  b) Corridors: MasterTop® 1324 |  g) Restrooms: MasterTile® Series |
|  c) Restaurant: MasterTop® 1326 |  h) Car Park Podium: MasterSeal Traffic® |
|  d) Offices: MasterTop® 1325, MasterTop® 1326, or MasterTop® 1327 |  i) Control Room: Anti-static Epoxy, PU or Ucrete® flooring |
|  e) Laboratories: Anti-static and/or Anti-bacterial Epoxy, PU or Ucrete® flooring | |

Selection Chart: Administration Building, Control Room, Electrical Room, Kitchen, Laboratory..

Segment	Description	Product	Fast Solutions (Hour)	Application
Admixtures 1	High Range Superplasticizers - Normal and retarding	MasterGlenium		Normal & Mass concrete for raft/bundation, structural concrete
	Super slump retaining hyperplasticizer	MasterGlenium, MasterGlenium SKY		High performance & self compacting concrete
	Shrinkage reducing admixture	MasterLife SRA 865		Mass concrete for raft/foundation
	Structural fibre adding toughness and ductility to concrete	MasterFiber 240		Industrial floors, slab-on-ground, precast concrete
Surface Improvement 2	Mould release agent	MasterFinish 235J		Smooth finish concrete surfaces
	Non-film forming curing compound	MasterKure 181		Curing of concrete surfaces
Concrete Repair and Protection 3	Epoxy based flowable adhesive	MasterBrace ADH 1420	24	Bonding agent for old to new concrete
	Epoxy based, non-sag, adhesive mortar	MasterBraceADH 1406	24	Concrete repair, anchorage, and bonding of construction materials(steel, concrete, brick.)
	Cement based, high build repair mortar	MasterEmaco S 488	24	Patch repair of structural members
	Cement based, pourable, structural repair mortar	MasterEmaco S 488 PG	24	Form & pour, repair of structural members
	Cement based, high strength and self compacting non-shrink grout	MasterEmaco S 423	24	Form & pour, volume repairs of structural members
	Ultra fast, extra high-strength, thixotropic structural repair mortar	MasterEmaco T1100 TIX	2	Patch repair of concrete, where high & rapid strength build-up, even at <0 °C are needed
	Ultra fast, extra high-strength, flowable structural repair mortar	MasterEmaco T1200 PG	2	Repair of horizontal surfaces that need to be opened to traffic swiftly, even at <0 °C
	Cement based repair mortar	MasterEmaco N 900	24	Reprofiling mortar for finishing the concrete surfaces
	Epoxy based injection resin	MasterInject 1302	24	Structural crack repair
	Epoxy Coating	MasterProtect 180	24	Lining for storage tanks / water retaining tanks and splash zones
	Hydrophobization & Impregnation treatments	MasterProtect H 1100 / MasterProtect H 303	24	Protection for external concrete surfaces
Surface applied corrosion inhibitor	MasterProtect 8000 CI	24	Corrosion protection of new and stopping of existing concrete structures	
Concrete Repair and Strengthening 4	Carbone fibre composite strengthening systems	MasterBrace FIB, MasterBrace NET, MasterBrace LAM		Structural strengthening
Grout & Anchorage 5	Cementitious precision grout	MasterFlow 928	24	Foundation mounting of machine/equipment/steel column
	Fast & easy cementitious anchoring grout	MasterFlow 960 TIX	2	Structural anchoring of rebars and bolts, even in wet concrete, or when high temp resistance req'd
	Methacrylate / epoxy resin based chemical anchoring grouts	MasterFlow 920 AN/ MasterFlow 936 AN	2, 24	Post installation of rebars, fixing of bolts, shear connectors and bearing plates
Waterproofing and Sealants 6	Polyurethane sealants	MasterSeal 440		Expansion Joint
	Polysulphide sealants	MasterSeal CR 170/171	48	Expansion Joint with chemical resistance
	Hydro-swelling gaskets	MasterSeal 910		Construction Joint
	Waterproofing TPO tapes	MasterSeal 930		Sealing wide expansion / seismic joints
	Synthetic PVC waterproofing membranes	MasterSeal 700BG		Waterproofing of raft/foundation
	Pre-applied FPO waterproofing membrane	MasterSeal 754		Waterproofing of raft/foundation
	Polyurethane coating	MasterSeal M800		Waterproofing
	Hybrid Polyurethane-Polyurea coating	MasterSeal M811		Waterproofing
Polyurea coating	MasterSeal M689	2	Waterproofing and protection	
Performance Flooring 7	High performance floor hardner with corundum aggregates	MasterTop 430		Floors subjected to abrasion
	Epoxy or Polyurethane anti-static flooring systems	MasterTop 1273 AS, MasterTop 1324 AS, UCRETE MFAS		Floors with anti-static requirements
	Epoxy or Polyurethane anti-bacterial flooring systems	MasterTop 1324 AB, MasterTop 1325 AB		Floors with anti-bacterial requirements
	Epoxy floor coatings	MasterTop 1200 series		Protection and decoration of flooring surfaces
	Polyurethane floor coatings	MasterTop 1300 series		Protection and decoration of flooring surfaces
	Dense, impervious, hygenic, long lived, heavy duty PU concrete flooring	UCRETE series	24	High abration, impact and chemical resistant, anti-skid floors (especially when wet)



Master Builders Solutions from BASF

Master Builders Solutions

The Master Builders Solutions brand brings all of BASF's expertise together to create chemical solutions for new construction, maintenance, repair and renovation of structures. Master Builders Solutions is built on the experience gained from more than a century in the construction industry.

The know-how and experience of a global community of BASF construction experts form the core of Master Builders

Solutions. We combine the right elements from our portfolio to solve your specific construction challenges. We collaborate across areas of expertise and regions and draw on the experience gained from countless construction projects world-wide. We leverage global BASF technologies, as well as our in-depth knowledge of local building needs, to develop innovations that help make you more successful and drive sustainable construction.

Our comprehensive portfolio

- Concrete admixtures
- Cement additives
- Chemical solutions for underground construction
- Waterproofing solutions
- Sealants
- Tile fixing system
- Concrete repair and protection solutions
- Performance grouts
- Performance flooring solutions





Master Builders Solutions by BASF

MasterAir®

Complete solutions for air entrained concrete

MasterBrace®

Solutions for concrete strengthening

MasterCast®

Solutions for the manufactured concrete product industry

MasterCem®

Solutions for cement manufacture

MasterEase®

A groundbreaking admixture for low-viscosity concrete

MasterEmaco®

Solutions for concrete repair

MasterFinish®

Solutions for formwork treatment and surface improvement

MasterFlow®

Solutions for precision grouting

MasterFiber®

Comprehensive solutions for fiber reinforced concrete

MasterGlenium®

Solutions for high performance concrete

MasterInject®

Solutions for concrete injection

MasterKure®

Solutions for concrete curing

MasterLife®

Solutions for enhanced durability

MasterMatrix®

Advanced rheology control for concrete

MasterPel®

Solutions for water tight concrete

MasterPolyheed®

Solutions for mid-range concrete

MasterPozzolith®

Solutions for water-reduced concrete

MasterProtect®

Solutions for concrete protection

MasterRheobuild®

Solutions for high strength concrete

MasterRoc®

Solutions for underground construction

MasterSeal®

Solutions for waterproofing and sealing

MasterSet

Solutions for set control

MasterTile®

Solutions for tile fixing system

MasterTop®

Solutions for industrial and commercial floors

Master X-Seed®

Advanced accelerator solutions for concrete

Ucrete®

Flooring solutions for harsh environments

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Bursa

Kükürtlü Mah. Kükürtlü Cad. No: 67 Tan İş Merkezi C Blok D: 12 Kat: 4 Bursa

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Trabzon

Arsin Organize San. Bölge. Yeşil Yalı Mah. 5. Cad. No: 6/a Arsin/Trabzon

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