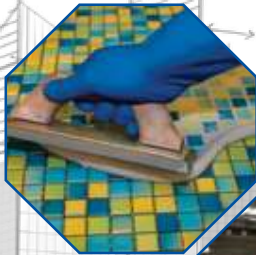




The Professional's Choice

Distribution Product Catalogue



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Master Builders Solutions for Sustainable Construction

The construction industry consumes about half of the world's energy and natural resources. This can be reduced if you use the right chemistry.

For over 100 years, Master Builders Solutions have made construction more environmentally friendly, faster and safer. As a result of our innovative global technologies, structures and buildings are more durable, consume less energy and produce less CO₂ during construction and use.

The construction chemicals range provided under this Master Builders Solutions brand distribution catalogue are specifically designed for the Gulf countries. These products are designed to meet the harsh environmental conditions found in the GCC. With our strong team of local sales engineers and chemists, we have gained the trust of clients, contractors, and applicators on many of the GCC's most iconic projects, fulfilling our mission to support our customers in overcoming their construction challenges.

This product guide features only a small selection of our most commonly used products which are stocked by our increasing network of authorized distributors.

The Master Builders Solutions brand brings all 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 construction experts form the core of Master Builders Solutions. We combine the right elements from our portfolio to solve specific construction challenges. We collaborate across areas of expertise and regions and draw on the experience gained from countless construction projects worldwide. We leverage Master Builders Solutions global technologies, as well as our in-depth knowledge of local building needs, to develop innovations that help make more successful and drive sustainable construction.

Market-leading products are designed from technically advanced formulations, optimized for the harsh environmental conditions found in the Middle East.

*When performance really matters,
professionals choose Master Builders Solutions*

Our Comprehensive Portfolio

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

Concrete Repair

Most concrete defects are not structurally significant e.g., construction faults, shallow damage caused by rebar corruptions and minor impacts. However, they are unsightly and may lead to more severe problems later. Master Builders Solutions offers easy to apply, proven systems to quickly restore your structure's appearance under the [MasterEmaco](#) and [MasterBrace](#) brands.

- Bonding agents and primers
- Concrete repair
- Structural repair mortars
- Micro-concrete
- Crack and joints repair solutions

Concrete Repair	Product Description	Packaging	Coverage/Yield
MasterEmaco N 202	Single-component, cementitious blowhole filler and levelling mortar for cosmetic repairs to new construction; up to 3 mm	25 kg	16.75 m ² @ 1 mm thickness
MasterEmaco N 307	Single-component, polymer modified fairing coat and cosmetic mortar for concrete surfaces; up to 5mm	20 kg	16.0 m ² @ 1 mm thickness
MasterEmaco N 907	Two-component, polymer modified fairing coat and re-profiling mortar; up to 10 mm	21.66 kg	1.33 m ² @ 10 mm thickness
MasterEmaco S 422	Single-component, high strength, fibre reinforced structural repair mortar, engineered for repairs in new construction; at 10-40mm	25 kg	1.25 m ² @ 10 mm thickness
MasterEmaco S 423	Single-component high strength, shrinkage compensated micro-concrete, engineered for repairs in new construction; at 25-150mm	25 kg	0.62 m ² @ 20 mm thickness
MasterEmaco S 466	High strength, non-shrink, flowable cementitious mortar; above 40mm	25 kg	1.0 m ² @ 12.5 mm thickness
MasterEmaco S 488	Shrinkage compensated, acrylic fibre reinforced, thixotropic repair mortar; up to 50mm	25 kg	1.0 m ² @ 12.6 mm thickness
MasterEmaco 8100 AP	Single-component epoxy based zinc rich primer for steel	1 L	7.5 m ² /L/coat
MasterBrace ADH 2200	High strength, non-flow, epoxy bedding and repair mortar	7.5 kg	2.80 m ² @ 1.5 mm thickness



>> Concrete Protection

Concrete protection is crucial for the longevity of concrete structures and the return of damaged surfaces back to their original appearance and design function. The **MasterProtect** products/systems from Master Builders Solutions offers long-term protection and durability to structures, protecting them for years to come.

The **MasterProtect** systems include a range of high-performance water repellents, elastomeric and high build anti-carbonation and chemical resistant coatings that counter challenging weather conditions, environmental contaminants and corrosive elements.

- Epoxy coatings
- Acrylic coatings
- Epoxy polyurethane coatings

Concrete Protection	Product Description	Packaging	Coverage/Yield
<u>MasterProtect 180</u>	A non-toxic solvent-free high build, protective epoxy resin coating	13.5 kg	0.30 - 0.60 kg/m ² /coat (2 coats recommended) total DFT minimum 400 µm
<u>MasterProtect 190</u>	A two-component solvent-free high build flexible epoxy polyurethane resin coating	13.5 kg	0.30 - 0.40 kg/m ² /coat (2 coats recommended) DFT 180-240 µm/coat
<u>MasterProtect 300</u>	Elastomeric, crack bridging, waterproof and anti-carbonation coating for concrete and masonry	20 L	0.64 L/m ² (in 2 coats) total DFT 400 µm
<u>MasterProtect 1812</u>	A solvent-free, highly chemical resistant, non-carcinogenic, amine-cured, pitch-free epoxy	27 kg	0.18 - 0.312 kg/m ² /coat DFT 120-208 µm/coat



>> Construction and Precision Grouts

MasterFlow performance grouts from Master Builders Solutions have been developed to meet the need for fast return of the equipment to service even in chemical exposure areas. They have continued to evolve, providing the engineer with the vital link between equipment and foundation for all construction types.

- Cementitious grouts
- Epoxy grouts

Construction and Precision Grouts	Product Description	Packaging	Coverage/Yield
<u>MasterFlow 400</u>	High strength, free-flowing epoxy grout	27 kg	14.0 L/27 kg unit
<u>MasterFlow 524</u>	High strength, non-shrink cementitious construction grout	25 kg	12.9 L/25 kg bag @ 3.75 L water addition
<u>MasterFlow 648</u>	High strength, high flow epoxy grout	52.15 kg	26.0 L/52.15 kg unit
<u>MasterFlow 928</u>	High strength, non-shrink cementitious grout	25 kg	13.8 L/25 kg bag @ 5 L water addition
<u>MasterFlow 950</u>	High strength, non-shrink cementitious grout	25 kg	12.5 L/25 kg bag @ 3.75 L water addition
<u>MasterFlow 980</u>	High strength, shrinkage compensated cementitious grout or micro concrete	25 kg	12.6 L/25 kg bag @ 3.5 L water addition



Chemical Anchoring Systems

The Master Builders Solutions range of [MasterFlow](#) (chemical anchoring system) offers a comprehensive range of solutions for rebaring and anchoring applications such as fixing of curtain wall, steel structure, critical structural rebar, handrail, crash barrier, etc., to be used in all project types such as infrastructure, industrial projects, new structure projects, renovation projects, all commercial, residential and public building projects.

All [MasterFlow](#) chemical anchoring series are independently tested and ETA approved to provide you complete confidence and peace of mind.

- Polyester grouts
- Epoxy acrylate grouts
- Vinyl ester grouts
- Pure epoxy grouts

Chemical Anchoring Systems	Product Description	Packaging	Coverage/Yield
MasterFlow 916 AN	Polyester resin-based anchoring grout	12 x 300 mL single piston foil pack cartridges	Depends on hole and bolt/bar dimensions
MasterFlow 916 PG / TIX	Fast setting, economic, two-component polyester anchoring grouts	8 x 1 L units	Depends on hole and bolt/bar dimensions
MasterFlow 918 AN	Vinylester resin-based anchor grouting	12 x 410 mL coaxial cartridges	Depends on hole and bolt/bar dimensions
MasterFlow 920 ANS	Epoxy acrylate (styrene-free) resin-based high performance anchoring grout	12 x 380 mL coaxial cartridges & 12 x 300 mL single piston	Depends on hole and bolt/bar dimensions
MasterFlow 932 AN	Pure epoxy (1:1) resin-based high performance anchoring grout	12 x 650 mL side-by-side cartridges	Depends on hole and bolt/bar dimensions
MasterFlow 936 AN	Pure epoxy (3:1) resin-based high performance anchoring grout	12 x 385 mL & 12 x 585 mL side-by-side cartridge	Depends on hole and bolt/bar dimensions



>> Sealants

MasterSeal sealants meet all types of requirements for more and less demanding applications in new construction and regular house maintenance. Acrylic, silicone, polyurethane or polysulphide based sealants serve for different purposes, including window joints, sanitary ware application, swimming pools, natural stone tiles joints and façade joints.

- Acrylic sealants
- Polyurethane single component joint sealants
- Silicone joint sealants
- Polysulphide sealants

Sealants	Product Description	Packaging	Coverage/Yield
MasterSeal 10WB	High quality, versatile, gap filler and sealer	280 mL	1.4 m/280 mL in 20 mm x 10 mm joint
MasterSeal 121	Anti-fungal, sanitary grade silicone sealant	280 mL	1.5 m/280 mL in 20 mm x 10 mm joint
MasterSeal 122	Multi-purpose, premium quality, silicone sealant	280 mL	1.4 m/280 mL in 20 mm x 10 mm joint
MasterSeal GG 470	High performance, elastomeric, gun grade polysulphide joint sealant for vertical, overhead or general application	4 L	5 m/L in 20 mm x 10 mm joint
MasterSeal PG 470	High performance, elastomeric, pouring grade polysulphide joint sealant for horizontal application	5 L	5 m/L in 20 mm x 10 mm joint
MasterSeal NP 472	One-part, high performance, moisture curing polyurethane-based elastomeric joint sealant	600 mL	3 m/600 mL in 20 mm x 10 mm joint
MasterSeal NP 473U	Single-component, moisture curing, polyurethane, multi-use elastomeric joint sealant	600 mL	3 m/600 mL in 20 mm x 10 mm joint
MasterSeal NP 474	Resilient, durable, primer less polyurethane-based sealant and adhesive	600 mL	3 m/600 mL in 20 mm x 10 mm joint



Flooring Systems

Our flooring systems under the **MasterTop** brand are specialized for a wide range of application needs. Because floor requirements vary, our products have been developed to match specific performance, technical and aesthetic criteria, balancing cost, time constraints and installation speed to provide the optimum flooring solution. Often existing concrete floors require leveling before tile or other floor coverings are installed. Cement-based, fast setting, self-smoothing compounds are simple, fast and economic to install, saving time, labor and money.

- Primers and sealers
- Cementitious screeds and self-smoothing compounds
- Traffic deck coatings and systems
- Epoxy and polyurethane coatings
- Polyurethane concrete

Flooring Systems	Product Description	Packaging	Coverage/Yield
<u>MasterTop 518</u>	Fast setting site mixed screed mortar for fast track installation of cementitious screeds applied at 10 – 80 mm thick	25 kg	2.1-2.8 kg/m ² /cm layer thickness dependent on powder/aggregate mix ratio
<u>MasterTop 528</u>	Commercial grade self-smoothing cementitious floor underlayment applied at 2 – 30 mm thick	25 kg	15 L/25 kg bag @ 5.5 L water addition
<u>MasterTop 538</u>	Industrial grade self-smoothing cementitious floor overlay applied at 4 – 40 mm thick	25 kg	14.1 L/25 kg bag @ 5 L water addition
<u>MasterTop 548</u>	Fast setting screed mortar – ready blended for fast track installation applied at 10 – 80 mm thick	25 kg	22.1 kg/m ² per cm layer thickness
<u>MasterTop 1205</u>	Three-component solvent free high build epoxy floor coating applied at 0.4 – 0.5 mm thick	32 kg	20 L/32 kg kit covers 50 m ² @ 0.40 mm DFT
<u>MasterTop 1210</u>	Multi-component solvent free epoxy floor coating system applied at 1 – 2 mm thick	32 kg	20.56 L/32 kg kit covers 20.56 m ² @ 1 mm DFT
<u>MasterTop 1230</u>	Multi-component self-smoothing solvent free, epoxy overlay system for concrete floors applied at 2 – 4 mm thick	46 kg (including colour pack)	25.7 L/46 kg kit & covers 12.85 m ² @ 2 mm DFT
<u>MasterTop 1240</u>	Multi-component epoxy screed and repair compound applied at 5 mm and above	28.06 kg (pigmented including color pack) & 27.66 kg (neutral)	13.1 L/28.06 kg kit & covers 2.62 m ² @ 5 mm DFT 12.9 L/27.66 kg kit covers 2.59 m ² @ 5 mm DFT
<u>MasterTop 2200</u>	High strength epoxy repair filler for horizontal cracks and minor repairs in concrete substrates	7.5 kg	4.41 L/7.5 kg kit & covers 4.41 m ² @ 1 mm DFT



Waterproofing Systems

The **MasterSeal** range of hand and spray-applied waterproofing products are formulated to stop water leakages and moisture ingress in all types of new and existing structures including buildings, car parks, traffic decks, industrial sites, water management facilities for potable water and waste water pipes.

- Polyurethane membranes
- Bitumen coatings
- Cementitious coatings
- Pre-formed membranes

Waterproofing Systems	Product Description	Packaging	Coverage/Yield
<u>MasterSeal 550</u>	Two-component acrylic reinforced cementitious, flexible waterproof coating	20 kg	1.8 kg / m ² @ 1 mm thickness
<u>MasterSeal 588</u>	An acrylic modified, elastomeric, cement-based waterproof coating for concrete and masonry	35 kg	1 L/m ² /coat @ 1 mm (min. 2 coats recommended)
<u>MasterSeal 609</u>	Non-fibrated bitumen emulsion coating	20 L & 200 L	3-5 m ² /L/coat (min. 2 coats required)
<u>MasterSeal 620</u>	Bitumen/rubber latex emulsion, surface applied, flexible, damp and vapor-proof liquid membrane	200 L	Damp-proofing: 2 m ² /L (1st coat) 2.25 m ² /L (2nd coat)
<u>MasterSeal 725SA</u>	SBS self-adhesive bitumen waterproofing membrane for sub-structures and deck application	15 m x 1 m x 1.5 mm 15 m x 1 m x 2 mm	15 m ² /roll
<u>MasterSeal 729ST</u>	SBS elastomeric bitumen-based torch applied waterproofing membrane with non-woven polyester reinforcement	10 m x 1 m x 4 mm (200g/m ² reinforcement)	10 m ² /roll
<u>MasterSeal 730PA</u>	HDPE pre-applied waterproofing membrane for below grade waterproofing	20 m x 1.2 m x 1.2mm	24 m ² /roll
<u>MasterSeal 734AT</u>	APP plastomeric polymer modified bitumen-based torch applied waterproofing membrane with non-woven polyester reinforcement	10 m x 1 m x 4 mm (160/180/200 g/m ² reinforcement)	10 m ² /roll
<u>MasterSeal 910</u>	Water swelling water bar for joints	10 m x 20 mm x 10 mm (3 rolls/carton)	10 m/roll
<u>MasterSeal 940</u>	PVC preformed water stops internally and externally placed for expansion and construction joints	150/200/250 mm x 15 m	15 m/roll
<u>MasterSeal M 262</u>	Single-component unmodified pure polyurethane liquid membrane waterproofing of wet rooms and non-exposed application	25 kg	1.5 kg/m ² @ 1mm DFT

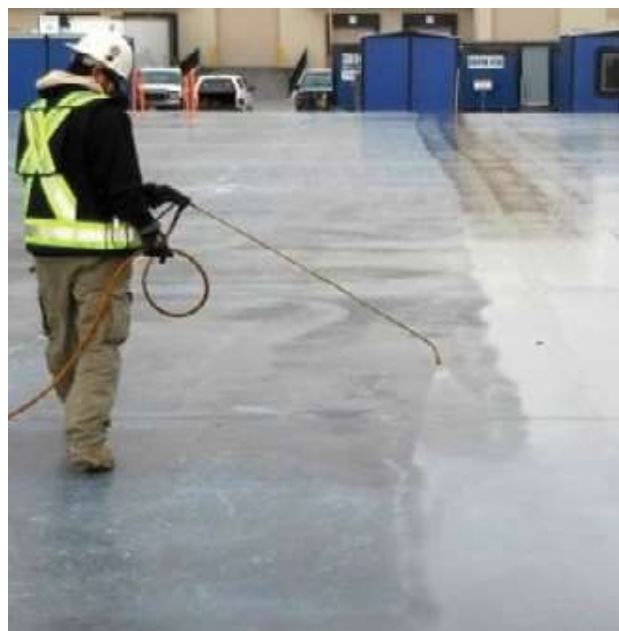


Curing Compounds

Master Builders Solutions curing compounds form a protective film over fresh concrete to retain moisture and maximize the cement's hydration potential, resulting in optimum strength development and durability. The properly cured concrete is then typically more robust and exhibits a dust-free surface with a reduced potential of drying shrinkage cracks.

- Acrylic resin compounds
- Emulsion compounds

Curing Compounds	Product Description	Packaging	Coverage/Yield
<u>MasterKure 101</u>	Acrylic resin water-based multi-role curing and sealing compound for concrete	210 L	4.5 - 5.5 m ² / L
<u>MasterKure 106</u>	Water-based, wax emulsion concrete curing compound / bond breaker	210 L	5 - 6 m ² /L
<u>MasterKure 107</u>	Water-based concrete curing compound, white pigmented for solar reflectance	210 L	5 - 6 m ² / L
<u>MasterKure 181</u>	Acrylic resin-based multi-role curing, sealing and protective membrane for concrete	200 L	4.5 - 5.5 m ² / L



➤ Bonding Agents

Master Builders Solutions offers bonding agents for various applications, including cementitious mortars, plaster and concrete. The different products have been developed for defined purposes such as increasing resistance to water penetration and abrasion and increasing structure durability.

- PVA emulsion agents
- SBR emulsion agents
- Acrylic agents
- Epoxy agents

Bonding Agents	Product Description	Packaging	Coverage/Yield
MasterBrace ADH 1414	Epoxy bonding agent for concrete repairs, bonding concrete to concrete, steel and granolithic toppings	3 kg	2 - 2.7m²/kg dependent on substrate profile
MasterCast 121AE	Multi-purpose polyvinyl acetate (PVA) emulsion adhesive admixture	20 L & 200 L	6 – 12 m²/L (neat)
MasterCast 141	High performance, styrene butadiene (SBR), latex emulsion for improving cement based mortars	20 L & 200 L	5 L/50 kg cement (standard) 10 L/50 kg cement (extreme conditions)
MasterEmaco P 210	Acrylic bonding agent & curing aid	1 L & 5 L	5 – 8 m²/L (bonding agent) 4 – 5 m²/L (curing aid)



>> Tile Adhesives & Grouts

MasterTile adhesives provide cost-effective solutions for the secure, reliable installation of ceramic tiles and natural stones. A wide range of products allows the user to select the correct product for the tiles being used depending upon the type of tile and the location.

- Cementitious polymer modified adhesive and grouts
- Epoxy adhesive and grouts

Tile Adhesive & Grouts	Product Description	Packaging	Coverage/Yield
<u>MasterTile 4</u>	Cementitious tile adhesives with polymer additive for ceramic tiles	20 kg	13.1-13.3 L/20 kg bag @ 3.6-4 L water addition approx. 2 kg/m ² (notched trowel)
<u>MasterTile 30</u>	Cementitious, polymer modified tile adhesive for non-vitrified, vitrified, glass mosaic, porcelain and non-moisture sensitive natural stones tiles	20 kg	13.1-13.3 L/20 kg bag @ 3.6-4 L water addition approx. 2.7 kg/m ² (4 mm notched trowel)
<u>MasterTile 434</u>	High performance single-component latex polymer modified tile adhesive	20 kg	15.3-15.4 L/20 kg bag @ 5.4-5.6 L water addition approx. 1.6 kg/m ² (4mm notched trowel)
<u>MasterTile 530</u>	Colored, latex modified cement grout for ceramic, glass mosaic, porcelain and non-moisture sensitive natural stone tiles	5 kg & 18 kg	3.75 L/5 kg bag @ 1.65 L water addition 13.5 L/18 kg bag @ 5.94 L water addition 0.25 kg/m ² (standard 150 x 150 mm tiles)
<u>MasterTile ECO</u>	Cementitious tile adhesive with polymer additives for ceramic tiles	20 kg	13.8-14.1 L/20 kg bag @ 3.6-4 L water addition approx. 2 kg/m ² (notched trowel)
<u>MasterTile FLX 23</u>	Flexible tile adhesive for all ceramic tiles, porcelain, mosaic, fully vitrified and non-moisture sensitive natural stone tiles	20 kg	13.8-14 L/20 kg bag @ 4.8-5 L water addition approx. 1.6 kg/m ² (4mm notched trowel)
<u>MasterTile FLX 24</u>	High performance, deformable, multi-purpose tile adhesive for all ceramic coverings, glass mosaic, porcelain and non-moisture sensitive natural stone tile	20 kg	14.5-14.7 L/20 kg bag @ 4.8-5 L water addition approx. 1.5 kg/m ² (4mm notched trowel)
<u>MasterTile RSG 705</u>	Three-component high performance epoxy grout for bedding and grouting tiles in heavy duty conditions	5 L	Bedding 5 mm: 5 L/m ² Jointing 3 mm: 0.8 L/m ² (150 x 150 x 20 mm tiles)

