



The Chemical Company

# Waterproofing Membranes & Sealants and Façade Protection



State-of-the-Art  
Protection from  
Rooftop to Basement



# Versatile Waterproofing Solutions

When it comes to waterproofing and façade protection, quality and performance is paramount. From rooftops to bathrooms, car parks and decks, through to buildings, bridges and other structures, BASF's extensive range of specialist products can provide you with a high quality solution to meet the needs of even the most demanding project.

State-of-the-art waterproofing, sealant and façade protection solutions that deliver the long-term performance and versatility that you need - ensuring that you get the results that you want - first time, every time.



## Waterproofing Membranes

### POLYURETHANES:

**Sonoshield Sonoguard** can be applied over concrete, asphalt, plywood, fibre cement sheeting, shiny and porous tiles and incidental metal, together with surfaces that have been previously treated with a range of other membrane types. Hard wearing and robust, it is suitable for use in areas with pedestrian traffic through to heavy duty vehicular traffic. Sonoshield Sonoguard is highly flexible, UV and slip resistant, and is ideal for use as an architectural finish in either pre- or post-construction works.

**Sonoshield HLM5000** is a bitumen modified polyurethane, which is ideal for use in planter boxes or in backfill applications. It is a cost effective and highly flexible membrane.

**Conipur 255** is an extremely flexible, high wearing, trafficable membrane that sets in seconds. Where only the toughest will do, Conipur can go over almost anything, and will outlast everything else. Ideal for rooftops, car parks, blinding slabs, landscaped podiums, and under asphalt, Conipur 255 truly is the 'Ultimate in Waterproofing Membranes'.

### CEMENTITIOUS:

**Masterseal 556** is a flexible cementitious membrane reinforced with polypropylene fibres, which has been specifically formulated for use in confined spaces under tiling, on balconies, in planter boxes and on non-exposed rooftops. Masterseal 556 is quick and easy to apply and has a potable water rating.

### SHEET MEMBRANES:

**Masterpren 2003** is a torch-on membrane consisting of thermoplastic, modified and reinforced bituminous compounds, and is ideal for blinding slabs, under screeds, and in garden beds.

**Masterpren 2004M** torch-on membrane is finished with a mineral chip for UV Protection. Specifically formulated using a range of thermoplastic, modified and reinforced bituminous compounds, it can be used over Masterpren 2003 for rooftops where incidental trade traffic is expected.

**Masterpren 1000** is a rubberised, bituminous Peel & Stick membrane that has been designed for application onto surfaces, both above and below ground, to keep water and water-borne aggressive salts from penetrating into substrates.



# Façade Protection

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## IMPREGNATION:

**Masterseal 355** silane siloxane blend provides a high-performance barrier against water ingress on all porous surfaces.

**Masterseal 360 / CRÈME** silane-based products have been specifically developed for the treatment of a range of concrete structures to prevent ingress of water, chlorides and carbon dioxide, whilst still allowing the structure to 'breathe'.

**Masterseal MCI 2020** state-of-the-art migrating corrosion inhibitors can be applied to existing structures to inhibit corrosion. Masterseal MCI 2020 can also be used as a factory-added additive in a range of BASF repair mortars and shotcrete products.

**Protectosil CIT** is a patented silane and corrosion inhibitor blend which combines the performance benefits of both products to deliver a significantly high level of protection than either a corrosion inhibitor or silane on its own.

## COATINGS:

BASF's **Masterseal 160D** (Barracryl D) and **Masterseal 150E** (Barracryl Elastic) are high grade, acrylic-based coatings which have been specifically formulated for the protection of concrete, masonry and natural stone from aggressive carbon dioxide and chloride ion attack, while still allowing the substrate to breathe.

# Crack Injection

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## WATERPROOFING:

**Masterflex 801** is a hydrophilic acrylic material which can be injected to take up honeycombed concrete and/or voids. Once injected, the product absorbs water and swells, resulting in a tight seal that blocks the passage of water.

**Masterflex 451** is a hydrophobic foaming polyurethane that is ideal for plugging running water. Applications of Masterflex 451 are followed by an injection of Masterflex 801 to provide the required long-term protection.

# Joint Waterproofing

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## JOINTS:

**Sonolastic Ultra** is an aliphatic polyurethane sealant that provides a unique combination of high movement and tensile strength for outstanding long-term performance. Originally designed for use in prisons and other high security installations, Sonolastic Ultra has a tensile strength of 4.14MPa and a Movement Accommodation Factor (MAF) of  $\pm 25\%$ , and is also ideal for use in heavy duty traffic joints, and in areas where UV stabilised colour integrity is important.

**Sonolastic NP1** is a single component polyurethane joint sealant for general-purpose joints, and has a Movement Accommodation Factor (MAF) of  $\pm 25\%$ .

**Sonolastic NP2** is a two-component chemical cure polyurethane joint sealant, for vertical joints, and has a Movement Accommodation Factor (MAF) of  $\pm 50\%$ .

**Masterflex 3000** joint sealant is a highly flexible, multi-directional movement hypalon tape. Masterflex tape is ideal for use in potable water tanks and a variety of joint repairs.

## BELOW GROUND:

Specifically designed for below-ground construction joints, the **Masterflex 900** reinjectable delivery system incorporates hosing that can be reinjected at any time with a hydrophilic and/or micro fine cement material to block the passage of water.

**Masterflex 610** swelling gasket and **Masterflex 612** swelling paste are designed for use in below-ground construction joints, and are particularly well suited for areas with brackish, salt and/or chemically tainted water. The bar & paste can be applied in tandem to take up any undulations in the concrete. As a hydrophilic material, the products absorb and swell with the water, thereby successfully blocking and sealing the passage of the water.



**BASF's comprehensive range of waterproofing systems can provide complete protection - from the basement to the rooftop - and for all areas in between. Whether it's pre-construction detailing and specification, or post-construction troubleshooting, BASF Construction Chemicals can provide the expertise and products to ensure that you get the result that you need.**





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