



The Chemical Company

Complete Waterproofing Protection

from

Rooftop to Basement

Waterproofing Membranes
Façade Protection
Crack Injection
Joint Waterproofing



Versatile Waterproofing Solutions

In 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.

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



Waterproofing Membranes

POLYURETHANES:

Coniroof is a liquid applied roofing membrane system for exposed and inverted roofs using advanced polymeric materials. The seamless system is ideal for complex roof structures and where maintenance traffic is required. Available in a number of UV resistant colours to complement the architectural concept of the building.

Conideck uses the same liquid applied membrane system to provide a hard wearing decking membrane. The UV stable, skid resistant surface provides a waterproof substrate for high density vehicle traffic and is ideal for carparks, ramps and podiums exposed to traffic. Conideck is resistant to oils, petrol, diesel, battery acid and alkaline cleaners. Fast installation time and high crack bridging ability ensures long-life performance in harsh environments.

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.

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

CEMENTITIOUS:

Masterseal 556 is a flexible cementitious membrane reinforced with polypropylene fibres, which has been specifically formulated for use 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.

Lastogum X is a waterproof, flexible protective system for use under ceramic coverings in showers, bathrooms and other internal wet areas. Lastogum X fully complies with AS/NZS 4858:2004 "Wet Area Membranes" as a Class 2 membrane.

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 self-adhesive 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

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 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 higher level of protection than either a corrosion inhibitor or silane on its own.

COATINGS:

BASF's **Masterseal 160D** and **Masterseal 150E** 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

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

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 $\pm 35\%$.

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 and 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.





The Chemical Company

BASF Construction Chemicals Australia Pty Ltd

Sydney

Head Office & Export

Ph: (02) 8811 4200

Fax: (02) 8811 3299

Melbourne

Ph: (03) 9549 0300

Fax: (03) 9549 0399

Canberra (agent)

Ph: (02) 6280 6010

Fax: (02) 6280 7220

Newcastle

Ph: (02) 4961 3819

Fax: (02) 4940 8762

Adelaide

Ph: (08) 8139 7500

Fax: (08) 8139 7599

Perth

Ph: (08) 9366 2600

Fax: (08) 9366 2699

Brisbane

Ph: (07) 3633 9900

Fax: (07) 3633 9999

Darwin (agent)

Ph: (08) 8984 3269

Fax: (08) 8947 0504

Townsville

Ph: (07) 4774 7344

Fax: (07) 4774 7355

Kalgoorlie

Ph: (0417) 772 355

Mackay

Ph: (0418) 991 567

www.basf-cc.com.au

BASF New Zealand Ltd

Auckland

Ph: (09) 414 7233

Fax: (09) 414 7244

www.basf-cc.co.nz