Solutions for Car Park Protection
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 worldwide.

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.

The comprehensive portfolio under the Master Builders Solutions brand encompasses concrete admixtures, cement additives, chemical solutions for underground construction, waterproofing solutions, sealants, concrete repair & protection solutions, performance grouts, performance flooring and tiling solutions.
Your First Line of Defence

Car park surfaces are constantly exposed to aggressive chemicals as a result of oil and acids spills and carbon dioxide gases. Surface salt deposits in coastal areas where there is a saline atmosphere, climatic conditions such as humidity, rain, and the impact of chloride ion ingress all add up to form a corrosive environment, the effects of which will be worsened if cracks already exist in concrete decks. The use of a waterproofing protective membrane is therefore essential to reduce life-cycle costs and downtime caused by the maintenance of deteriorating surfaces.

For the car park owner, maintaining a serviceable deck surface is a vital aspect of car park maintenance. A poor surface finish increases the likelihood of skids and the risk of liability in the event of end users making an insurance claim for an incident.

Master Builders Solutions systems by BASF include a hard wearing, skid resistant finish, thus minimising accident risks due to skidding.

The function of the systems extend beyond protection to the practical considerations of differentiation of parking bays, traffic lanes and pedestrian walkways. Varying the deck surface through the use of colors and light-reflective coatings improves the usability of the car park and increases its aesthetics, creating a safe and welcoming atmosphere.

BASF has the answer to car park protection: MasterSeal® Traffic 1300 series, a range of crack-bridging and ridged, wear-and-tear resistant car park deck coatings for both exposed and covered decks.

Our systems’ tough wear coats provide exceptional wearing qualities, and a colored top coat gives design flexibility.

MasterSeal Traffic 1300 series car park systems have been independently tested to, ASTM & DIN Standards, for crack-bridging coating systems. All systems are installed by specialist contractors with the back-up of the Master Builders Solutions Technical Services team can assist in drawing up the right specification for every application.
Tough at the Top

One specification of product across an entire parking structure is unlikely to be the best solution for all areas. The top deck of a car park is the structure’s most vulnerable surface, exposed to the elements as well as to oils, acids, salts and UV radiation. To withstand such severe conditions, heavy-duty, UV-stable, elastomeric waterproofing systems are needed.

BASF solutions for car park top decks provide exceptional tensile strength and elastomeric capability. Double the thickness of most products, they use a multi-layer build up system to ensure optimum performance in even the harshest environments.

Our solvent-free polyurethane membranes can bridge cracks up to 2.5mm in width easily and give a high level of mechanical resistance, while top coats are available in a wide range of colors.
Different Decks, Different Solutions

Enclosed, intermediate and lower decks and bays are protected from weather conditions to a large degree, and are less susceptible to stress than top decks, although still exposed to aggressive water born salts. BASF systems for light to medium duty operations take this into account with specific systems that are fit for purpose.

Light-reflective coatings can be applied to the walls, soffits and columns of lower decks to improve aesthetics by exploiting ambient light and headlight beams. The result: brighter and more secure car parks, and a reduced need for additional lighting installations.

For decks, top coats are available in a choice of colors, helping users to identify different areas of the car park with ease. Skid resistant finishes are available to give extra grip, reduce tyre squeal and to provide a sure footing for pedestrians.
On the Move

Turning circles and ramps are the areas that suffer the highest mechanical stress and BASF systems have been developed to extend the surface life of these heavily used areas. A greater aggregate content in such zones increases wear resistance, producing a heavy-duty, skid resistant surface for long-term protection.

Highly elastomeric and waterproof, and hand applied membranes are available providing the applicator and car park owner with the optimum system to meet specific requirements.
It is our goal to extend the lifespan of your structure. Our total-systems approach to construction means that we offer a full range of products, providing you with a one-stop shop for both construction and maintenance systems.

From hand applied to spray applied systems, both crack-bridging and non-crack bridging for new-build projects to major refurbishments and concrete repairs, we have the solution.

Beyond deck membranes, we supply joint systems and sealants for engineered traffic joints, impact protection systems and repair materials suitable not only for decks but also for soffits and overhead use.
Master Builders Solutions from BASF for the Construction Industry

MasterAir®
Complete solutions for air entrained concrete

MasterBrace®
Solutions for strengthening and structural adhesives

MasterCast®
Solutions for the manufactured concrete product industry

MasterCell®
Density reducing admixtures

MasterCem®
Solutions for cement manufacture

MasterEase®
Solutions for low viscosity concrete

MasterEmaco®
Solutions for concrete repair

MasterFiber®
Comprehensive solutions for fiber reinforced concrete

MasterFinish®
Solutions for formwork treatment

MasterFlow®
Solutions for precision grouting

MasterGlenium®
Hyperplasticizer formulated from state-of-the-art polymers for ultimate performance

MasterInject®
Solutions for concrete injection

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Solutions for enhanced durability

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Contact us:
United Arab Emirates
BASF CONSTRUCTION CHEMICALS UAE LLC
Dubai: +971 4 8090800
Abu Dhabi: +971 2 5512262
www.master-builders-solutions.basf.ae

Regional Offices
Bahrain: +973 1 7786427
Oman: +968 2 4218596
www.master-builders-solutions.basf.com.kw
Algeria
BASF CONSTRUCTION CHEMICALS ALGERIA SARL
Tel: +213 2 13 95 09
www.algeria.master-builders-solutions.basf.com

Azerbaijan
BASF Caspian CC LLC
Tel: +994 18 6531030
www.master-builders-solutions.basf.az

Egypt
BASF CONSTRUCTION CHEMICALS EGYPT SAE
Tel: +2 02 2599209
www.master-builders-solutions.basf.com.eg

Kazakhstan
BASF CENTRAL ASIA LLP
Tel: +7 727 795913
www.master-builders-solutions.basf.kz

Kenya
BASF EAST AFRICA LIMITED
Tel: +254 20 4443414
www.master-builders-solutions.basf.co.ke

Morocco
BASF MAROC SA
Tel: +212 522 669939
www.master-builders-solutions.basf.co.ma

Near East
JORDANIAN SWISS COMPANY FOR MANUFACTURING AND MARKETING CONSTRUCTION CHEMICALS
Tel: +962 7 9720039
www.master-builders-solutions.basf.com.jo

Nigeria
BASF WEST AFRICA LIMITED
Tel: +234 1 405000
www.master-builders-solutions.basf.ng

Russia
BASF STRATEGIC SYSTEMS
Tel: +7 495 2354420
www.master-builders-solutions.basf.ru

Morocco
BASF MAROC SA
Tel: +212 522 669939
www.master-builders-solutions.basf.co.ma

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www.master-builders-solutions.basf.com.jo

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Tel: +234 1 405000
www.master-builders-solutions.basf.ng

Russia
BASF STRATEGIC SYSTEMS
Tel: +7 495 2354420
www.master-builders-solutions.basf.ru

Saud Arabia
SAUDI BASF FOR BUILDING MATERIALS CO. LTD
Tel: +966 13 803820
www.master-builders-solutions.asa

South Africa
BASF CONSTRUCTION CHEMICALS SOUTH AFRICA (PTY) LTD
Tel: +27 11 7512409
www.master-builders-solutions.basf.co.za

Turkey
BASF CONSTRUCTION CHEMICALS
Tel: +90 216 5703400
www.master-builders-solutions.basf.com.tr

Ukraine
BASF T.O.V.
Tel: +380 44 5915595
www.master-builders-solutions.basf.ua

Contact us:
United Arab Emirates
BASF CONSTRUCTION CHEMICALS UAE LLC
Dubai: +971 4 8090800
Abu Dhabi: +971 2 5512262
www.master-builders-solutions.basf.ae

Regional Offices
Bahrain: +973 1 7786427
Oman: +968 2 4218596
www.master-builders-solutions.basf.com.kw
Algeria
BASF CONSTRUCTION CHEMICALS ALGERIA SARL
Tel: +213 2 13 95 09
www.algeria.master-builders-solutions.basf.com

Azerbaijan
BASF Caspian CC LLC
Tel: +994 18 6531030
www.master-builders-solutions.basf.az

Egypt
BASF CONSTRUCTION CHEMICALS EGYPT SAE
Tel: +2 02 2599209
www.master-builders-solutions.basf.com.eg

Kazakhstan
BASF CENTRAL ASIA LLP
Tel: +7 727 795913
www.master-builders-solutions.basf.kz

Kenya
BASF EAST AFRICA LIMITED
Tel: +254 20 4443414
www.master-builders-solutions.basf.co.ke

Morocco
BASF MAROC SA
Tel: +212 522 669939
www.master-builders-solutions.basf.co.ma

Near East
JORDANIAN SWISS COMPANY FOR MANUFACTURING AND MARKETING CONSTRUCTION CHEMICALS
Tel: +962 7 9720039
www.master-builders-solutions.basf.com.jo

Nigeria
BASF WEST AFRICA LIMITED
Tel: +234 1 405000
www.master-builders-solutions.basf.ng

Russia
BASF STRATEGIC SYSTEMS
Tel: +7 495 2354420
www.master-builders-solutions.basf.ru

Saud Arabia
SAUDI BASF FOR BUILDING MATERIALS CO. LTD
Tel: +966 13 803820
www.master-builders-solutions.asa

South Africa
BASF CONSTRUCTION CHEMICALS SOUTH AFRICA (PTY) LTD
Tel: +27 11 7512409
www.master-builders-solutions.basf.co.za

Turkey
BASF CONSTRUCTION CHEMICALS
Tel: +90 216 5703400
www.master-builders-solutions.basf.com.tr

Ukraine
BASF T.O.V.
Tel: +380 44 5915595
www.master-builders-solutions.basf.ua

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