

Complete Waterproofing Protection from Rooftop to Basement

Crack Injection, Joint Waterproofing,
Waterproofing Membranes



 **BASF**

The Chemical Company

Complete Waterproofing Solutions for the Construction Industry



The Construction Chemicals Division of BASF Group is the world's largest provider of construction chemicals products, systems and service for new construction, repair and refurbishment.

BASF's comprehensive ranges of waterproofing systems 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 for a tailor-made solution, ensuring results and long term performance of your structure.

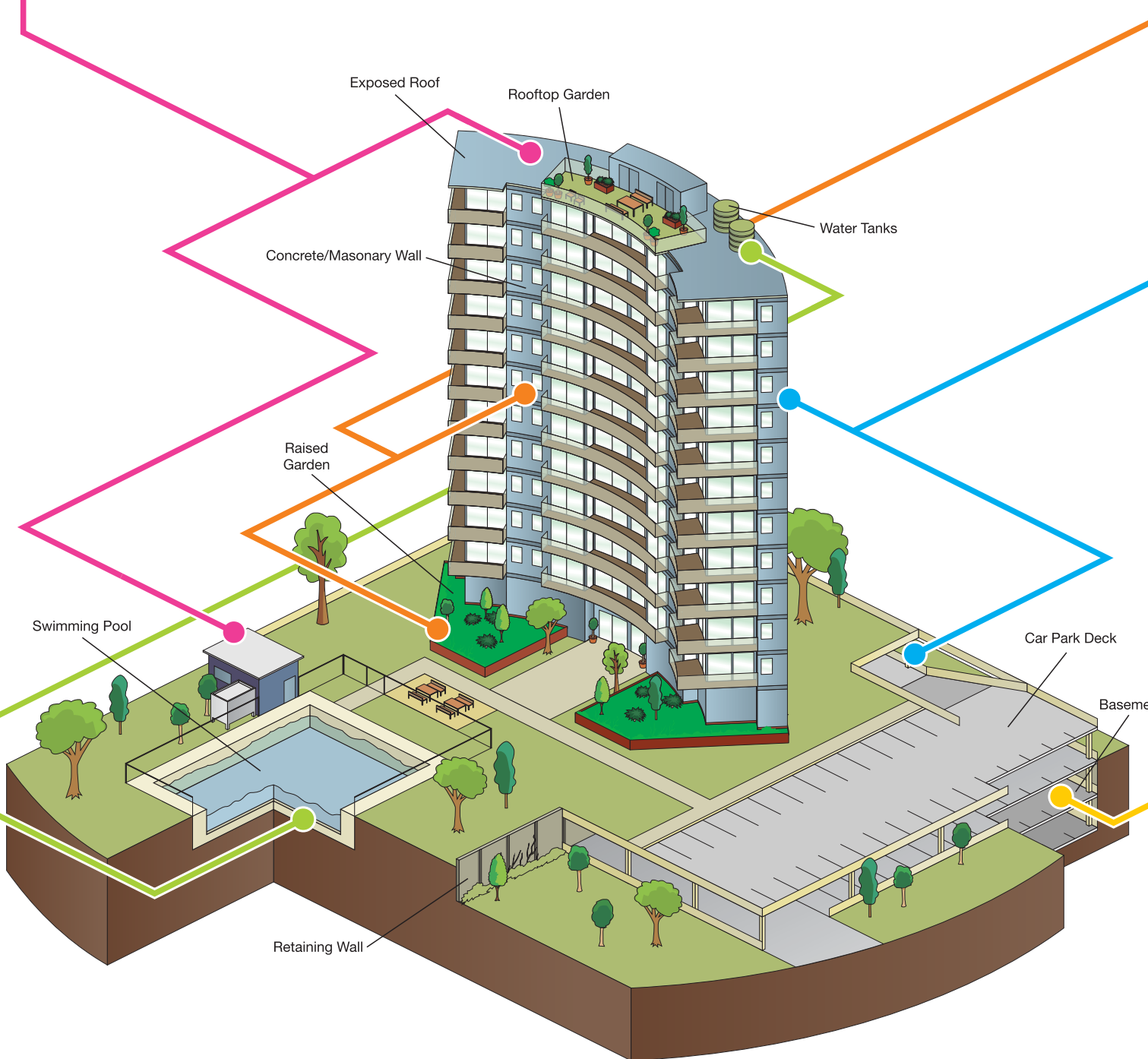


Containment

Many structures are built to contain liquids ranging from drinking water through to containment of wastewater and accidental spillages. Our Masterseal® potable water Cementitious waterproofing membranes are an integral part of the water distribution in any large metropolis and are complemented by the Masterflex® PVC jointing systems. The Masterseal membrane range supports our complete solution for swimming pools with the adhesives and grouts suitable for the most discerning pool installation. Our Masterseal® Polyurea membranes provide excellent chemical resistance for the wastewater industry and for secondary containment of a range of industrial chemicals.

Roofs

Roofing can create many challenges for the designer as well as having to protect the interior of the building. Our Coniroof® systems are suitable for the most complex of roofs and are ideal for refurbishment of existing roofs without having to remove the installed services. Our Masterpren® range of Bitumen and PVC preformed membranes are the choice of many designers for their simplicity and longevity. For concealed roofs the Masterseal® and Coniroof® systems can be used with all forms of final coatings from screeds to tiles to roof gardens.



Above Ground

Waterproofing of structures that are subject to traffic or that must contain plants requires a special type of product. Our class leading Conibridge® system for bridge decks is complemented by our trafficable Conideck® membrane system for car parks of high and low usage. The Conibase® membranes are also suitable for the treatment of podiums, planter boxes, terraces and show exceptional resistance to penetration by plant roots, a major problem for the longevity of structures. The trend to create garden spaces in urban environments is facilitated by the use of our systems to ensure that the usability of the building is maintained as well as allowing an aesthetic use of what would otherwise be cold uninviting places. The Masterseal® range of internal wet area waterproofing products is perfectly complemented by our PCI® range of class leading tile adhesives and grouts.



Joints

All concrete structures require joints and the correct waterproofing of these is an integral part of the design of both new construction and refurbishment. Sealing joints below grade can incorporate our Masterflex® range of preformed waterstop joints, the Masterflex® swellable gaskets or re-injectable hoses for lifetime joint security. External joints can be sealed with the Masterflex® Polyurethane joint sealing range that can seal joints in floors and walls in the harshest environment. Our WABO® joints are a world leader in providing waterproof and secure movement joints for large structures like bridges.



Below Ground

BASF has an extensive range of products suitable for all below ground waterproofing applications from simply creating watertight joint to complete encapsulation. Our Masterflex® range of preformed swellable gaskets, reinjectable hoses offer unsurpassed ability to limit the ingress of water through cold joints. Allied with these are the Masterpren® range of preformed sheet membranes, the Masterseal® Cementitious/Acrylic membranes and our liquid applied Conibase® Polyurethane and Masterseal® bitumen based membranes. No matter how complex or how aggressive the environment our membrane range is suitable for the waterproofing of underground structures.



Waterproofing Product Selection Guide

Description	Technology	Brand Name	Below Ground	Containment	Above Ground	Roofs	Joints	
Preformed Membrane	Bituminous self adhesive Bituminous torch on PVC/TPO	Masterpren®	●					
		Masterpren®	●			●		
		Masterpren®	●			●		
Liquid Applied Membrane	Acrylic Hybrid Polyurea/ Polyurethane	Masterseal®		●		●		
		Conideck®						
		Contiroof®			●		●	
		Conibase®	●		●		●	
		Conibridge®				●		
		Masterseal®	●		●			
Preformed Sealing Products	Hydrophilic acrylic Preformed PVC PVC strips Rubber and Steel	Masterseal®	●	●				
		Masterseal®	●	●				
		Masterseal®	●	●				
		Masterflex®	●			●	●	
Liquid Applied Sealing Products	Polyurethane	WABO®					●	
		Masterflex®	●			●	●	
Below Ground			Pile caps			●		
			Basements	●				
			Retaining walls	●				
			Sumps/pits/lift wells	●				
			Cut and cover tunnels	●				
			Culverts	●				
Containment			Potable water tanks	●				
			Wastewater tanks	●				
			Swimming pools	●				
			Secondary containment	●				
			Sewer tunnels	●				
			Water channels	●				
Above Ground			Terraces, plaza, podiums, balconies	●	●			
			Planters	●	●			
			Carpark decks			●		
			Bridge decks				●	
Roofs			Exposed RC roof			●		
			Concealed RC roof	●		●		
			Roof gardens	●				
			Refurbishment RC roofs	●				
			Refurbishment steel roofs	●				
Joints			Cold/construction joints				●	
			Movement joints				●	
			High movement joints				●	
			Trafficable movement joints				●	

BASF is committed to working in partnership with you, providing a single source of expertise. Our vast product range allows us to add value through tailor made solutions allowing you the convenience of sourcing a full range of products from one supplier.

Whatever the nature of the structure, protection against the element is key to retaining its integrity. Climate, movement factors and the effects of aggressive atmospheric chemicals and salts make surfaces vulnerable to deterioration. Utilising these waterproofing systems to prevent water ingress optimises structural performance to meet these environmental demands.

Intelligent Solutions from BASF Construction Chemicals

Concresive® - Resin Based Mortars, Adhesives and Injection Systems
Conibridge® - PU Based Membranes to Protect Bridge Decks
Conideck® - Hand and Spray Applied Waterproof Membrane Systems
Coniroof® - PU Based Roofing Systems
Emaco® - Concrete Repair Systems
Finestone® - Exterior Insulation and Finishing Systems (EIFS)
Glenium® - For Hyperplasticized Concrete
Masterflex® - Joint Sealants
Masterflow® - Precision and Structural Grouts
Masterpren® - Preformed Membrane Waterproofing Sheets
Masterseal® - Coatings and Waterproofing
Mastertop® - Decorative and Industrial Flooring Solutions
MBrace™ - Composite Strengthening Systems
Meyco® - For Shotcrete and Spraying Equipment
PCI® - Tile Fixing and Cement Underlays
Pozzolith® - For Water-reduced Concrete
Rheobuild® - For Superplasticized Concrete
Rheomix® - For Improved Block Mortars
Rheoplus® - Cost-effective Products for Hyperplasticized Concrete
Ucrete® - Flooring Solutions for Harsh Environments
WABO® - Expansion Control Systems

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The Chemical Company

BASF is the world's leading chemical company: The Chemical Company. Its portfolio ranges from chemicals, plastics and performance products, to agricultural products, fine chemicals and oil and gas.

As a reliable partner, BASF helps its customers in virtually all industries to be more successful. With its high-value products and intelligent solutions, BASF plays an important role in finding answers to global challenges such as climate protection, energy efficiency, nutrition and mobility.

Further information on BASF is available on the Internet at www.basf.com