

Degussa, the Partner to Trust.

Degussa Construction Chemicals' competence in the field of waterproofing systems extends beyond roofing to car park and bridge deck technology. Based on many years of experience, our waterproofing solutions are equally appropriate for general engineering and water containment projects, and we have devised and successfully realised a huge number of diverse solutions around the world, under demanding and widely varying climatic conditions.

As well as acquiring expertise from these projects, we are dedicated to continuous investment in the research and development of new developments to existing systems. Our partnering approach covers not only products but also systems and services. This is your guarantee that you are dealing with a partner who wants to know and understand your requirements, and who will take a holistic approach to find a solution tailor-made to your needs.

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Complete Protection for Roofs



Start at the Top

A building's roof is one of its most important components, and inadequate roofing can affect not only a structure's functionality but its maintenance and whole-life cost, with far-reaching implications in terms of buildings insurance. A durable waterproofing system that is resistant to changes in temperature and environmental factors such as pollution and acid rain will offer lasting protection, increase your building's value and reduce maintenance costs.

In Degussa Construction Chemicals you have the ideal partner, dedicated to providing tailor-made solutions to ensure that roofing withstands climatic demands.

Degussa Construction Chemicals' polyurethane coatings provide waterproofing membranes to protect roofs. Our versatile systems for flat and pitched roofs are suitable for application to all major roof types and designs. Using advanced polyurethane technology to create impervious, monolithic membranes our CONIROOF systems are easy to install on complex structures, buried and exposed roofs in both new build and refurbishment situations.

Degussa roof waterproofing systems are multi-layered and comprise a series of substrate sealers, primers, waterproofing membranes and protective top coats. The systems are cold applied thus avoiding the odour and the fire risk of hot works. High-performance spray application is another feature of some of our roofing membranes, which use custom designed spray equipment thus ensuring a consistently high quality membrane production. Not only is application quick, but our fast reacting coatings set within a few minutes, speeding up installation so that up to 1000m² can be placed in a single 8 hour shift.

No other system can match the physical properties, versatility, performance and speed of installation of Degussa's waterproofing membranes for roofs. With the reassurance of BBA approval and a currently pending EOTA approval, you can rely on Degussa to protect your structure against the elements for a longer service life.

Our waterproofing systems are available with finishes in a wide range of colours for aesthetic appeal.



Protection for New Roofs



Applied to new roofs, waterproofing membranes from Degussa Construction Chemicals are waterproof and weather tight in the harshest conditions of exposure and can accept typical movements of the substrate without damage. When properly applied, our waterproofing systems will prevent the passage of water to the inside of the building.

Degussa's waterproofing systems are suited to a wide range of roofing surfaces, from dense concrete decks to plywood and lightweight metal panels. To ensure that membranes adhere effectively, Degussa offers different polyurethane and epoxy preparation coats and primers for each type of substrate to optimise performance. This allows the membrane to resist the effects of wind suction,

elevated temperature, thermal shock and minor structural movement.



Roofing for Refurbishment

Waterproofing systems from Degussa Construction Chemicals are designed for installation on most substrates, including old concrete, built-up felt, asphalt and timber substrates. Our waterproofing membranes are crack-bridging so that existing minor cracks can be simply over-coated. Larger cracks must be repaired and taped over with a de-bonding tape. Blisters in bitumen felt and in asphalt must be opened, dried out and repaired prior to application of the waterproofing system.

Our waterproofing systems are suitable for application to failed single ply sheet providing that the surface can be properly prepared to permit maximum adhesion.

In refurbishment situations, the correct cleaning and preparation of the substrate is all-important to provide a uniform surface onto which the waterproofing membrane can be applied. Advice on preparation and application to specific substrates is available from Degussa and we will work closely with you to produce the best specification to meet the particular requirements of your roof.



Root Resistance for Green Roofs



Even green roofs can be waterproofed with Degussa Construction Chemicals' CONIROOF systems, which can be installed over any properly designed deck, whether constructed from concrete, wood or steel.

Degussa membranes have built in root resistance meeting the test standard DIN 4062 thus eliminating the need for separate root barriers, cutting both cost and time.

Waterproofing systems from Degussa Construction Chemicals are fully bonded



to the substrate underneath. As a result, water cannot flow under the membrane coating, avoiding damage to the roof structure and to furniture and equipment in rooms below.

The ability of our waterproofing systems to withstand the loads imposed by landscaping allows us to offer an effective solution for green roofs, which can be quickly installed to save time and reduce your costs.



Complete Coverage of Complex Forms

Degussa Construction Chemicals' roof waterproofing systems can be applied to vertical surfaces enabling easy application to complicated details such as penetrations, ventilators, skylights, chimneys etc.

Unlike sheet systems, the seamless, monolithic waterproofing systems offered by Degussa avoid weak spots caused by laps, welds or seams thus providing greater durability and protection.

