



# CONCRETE REPAIR ESSENTIALS FOR NEW BUILD APPLICATIONS

BUILDING TRUST



# OUR PRODUCTS

## SURFACE PINHOLING/HONEYCOMBING



## SIKA SOLUTION

### Pinholing

Sika MonoTop®-620

### Honeycombing

Sika MonoTop®-615

Sika MonoTop®-614F

## VOIDS



## SIKA SOLUTION

Sika MonoTop®-615

Sika MonoTop®-614F

Sika MonoTop®-630 Rapid

Sika MonoTop®-412N

## RAIN DAMAGED SLABS



## SIKA SOLUTION

Sika MonoTop®-614F

Sika MonoTop®-630 Rapid

Sika®Screed HardTop-60

## LOW CONCRETE COVER



## SIKA SOLUTION

Sika® Ferrogard®-903+

Sika MonoTop®-610

Sika MonoTop®-615/-614F/-630

Rapid/-412N/-612

## SHUTTER DAMAGE



## SIKA SOLUTION

**Minor Surface Imperfections**  
Sika MonoTop®-620

**Other**

Sika MonoTop®-614F/-615/  
-630 Rapid/-412N

## CRACKING



## SIKA SOLUTION

Sikadur®-31

Sikadur®-52

Sika MonoTop®-630 Rapid

## DAMAGED EDGES



## SIKA SOLUTION

Sikadur®-41

Sika MonoTop®-630 Rapid

Sikaflex® PRO-2

Sikadur®-31

Sika Monotop®-612/-615/-412N

## FILLING IN A HOLE IN SLABS OR VOIDS



## SIKA SOLUTION

Sika MonoTop®-614F

## FILLING LIFTING



## SIKA SOLUTION

Sika MonoTop®-615  
Sikadur®-41  
Sika MonoTop®-630 Rapid  
Sika MonoTop®-412N

## STAIR TREADS



## SIKA SOLUTION

Sikadur®-31  
Sika MonoTop®-630 Rapid  
Sika MonoTop®-614F

## UNEVEN FLOORS



## SIKA SOLUTION

Sikafloor®-200 Level  
Sikafloor®-400 Level

## ABSORBENT CONCRETE



## SIKA SOLUTION

Sikagard®-706 Thixo

# SURFACE PREPARATION



## **SURFACE PREPARATION**

Clean concrete.  
Remove coatings.



## **CONCRETE REMOVAL**

Mark defective concrete.  
Mechanical or water blasting.  
Prepare edges of repair zone.



Remove tie wires, nails etc.  
Remove only defective concrete.  
Do not reduce structural integrity.

# Application Methods



## **HAND APPLIED**

Press the repair mortar firmly into the repair area using a trowel and/or hand.



## **FLUID APPLIED**

Pre-soak repair area.  
Pour in repair mortar to required level.

# SIKA FULL RANGE SOLUTIONS FOR CONSTRUCTION:



LIQUID APPLIED ROOFING



SINGLE PLY ROOFING



CONCRETE



CONCRETE REPAIR



STRUCTURAL STRENGTHENING



WATERPROOFING



JOINT SEALING



FAÇADE STRUCTURAL ADHESIVES



FLOORING



INDUSTRY



DISTRIBUTION



BUILDING TRUST

## WHO WE ARE

Sika Limited and Sika Ireland Limited are part of the global Sika Group, specialising in the manufacture and supply of chemical based products. Sika have a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing, and protecting in the building sector and the motor vehicle industry. Sika has subsidiaries in 101 countries around the world and manufactures in over 200 factories. With more than 20,000 employees Sika generates annual sales of CHF 7.09 billion (£5.45bn). We are also committed to providing quality, service, safety and environmental care.

In the UK and Ireland, we provide market-leading solutions for concrete, waterproofing, roofing, flooring, refurbishment, sealing & bonding, and industry, and have manufacturing sites in Welwyn Garden City, Preston, Leeds

The information, and, in particular, the recommendations relating to the application and end use of Sika® products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. Please refer to our homepage [www.sika.co.uk](http://www.sika.co.uk) for our current standard terms & conditions applicable to all orders. Users should always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request.



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