



# 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® Rapid Repair Mortar

## RAIN DAMAGED SLABS



## SIKA SOLUTION

Sika® MonoTop®-614F

Sika® Rapid Repair Mortar

Sika®Screed HardTop-60

## LOW CONCRETE COVER



## SIKA SOLUTION

Sika® Ferrogard®-903+

Sika® MonoTop®-610

Sika® MonoTop®-615

Sika® MonoTop®-614F

Sika® Rapid Repair Mortar

## SHUTTER DAMAGE



## SIKA SOLUTION

### Minor Surface Imperfections

Sika® MonoTop®-620

### Other

Sika® MonoTop®-614F

Sika® MonoTop®-615

Sika® Rapid Repair Mortar

## CRACKING



## SIKA SOLUTION

Sikadur®-31

Sikadur®-52

Sika® Rapid Repair Mortar

## DAMAGED EDGES



## SIKA SOLUTION

Sikadur®-41

Sika® Rapid Repair Mortar

Sikaflex® PRO-2

Sikadur®-31

Sika® Monotop®-612

Sika® Monotop®-615

## FILLING IN A HOLE IN SLABS OR VOIDS



## SIKA SOLUTION

Sika® MonoTop®-614F

## FILLING LIFTING



## SIKA SOLUTION

Sika® MonoTop®-615  
Sikadur®-41  
Sika® Rapid Repair Mortar

## STAIR TREADS



## SIKA SOLUTION

Sikadur®-31  
Sika® Rapid Repair Mortar

## 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



WATERPROOFING



CONCRETE



REFURBISHMENT



MERCHANT



SEALING AND BONDING



FLOORING



ROOFING



INDUSTRY

## FOR MORE INFORMATION:



### 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 97 countries around the world and manufactures in over 190 factories. With over 17,000 employees Sika generates annual sales of CHF 5.75 billion (£4.69bn). 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 and Dublin with more than 700 employees and a turnover of more than £220 million.

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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