



REFURBISHMENT

Sikagard®-555 W Elastic

HIGH CRACK-BRIDGING PROTECTIVE COATING FOR CONCRETE

BUILDING TRUST



Sikagard®-555 W Elastic

A new generation of elastic coating to protect concrete

Sikagard®-555 W Elastic is a one-part, water-based, UV curing, plasto-elastic protective coating for concrete. It has high static and dynamic crack-bridging properties at temperatures below 0°C without requiring a crack bridging intermediate coating. Sikagard®-555 W Elastic complies with the requirements of EN 1504-2 as protective coating.



Sikagard®-555 W Elastic is available in many colors.

HIGH CRACK-BRIDGING COATING

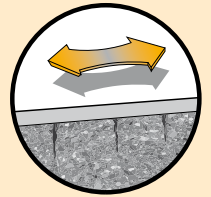
Cracks are to be avoided or bridged because they offer an easy path for the ingress of water and chlorides into concrete.

Concrete structures in critical situations such as a bridge standing in a river need surface treatments by proper coating to bridging over cracks and maintain a continuous film are desirable.

Sikagard®-555 W Elastic is the new generation of protective coating which is highly

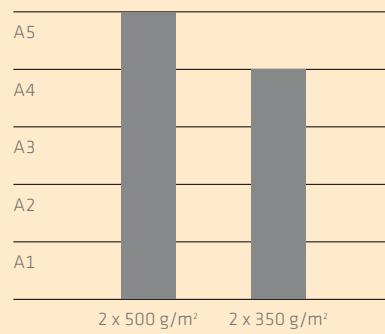
elastic and provides the ultimate solution for such cases. It is suitable for:

- Protection against ingress (Principle 1, method 1.3 of EN 1504-9)
- Moisture control (Principle 2, method 2.3 of EN 1504-9)
- Increasing the resistivity (Principle 8, method 8.3 of EN 1504-9)

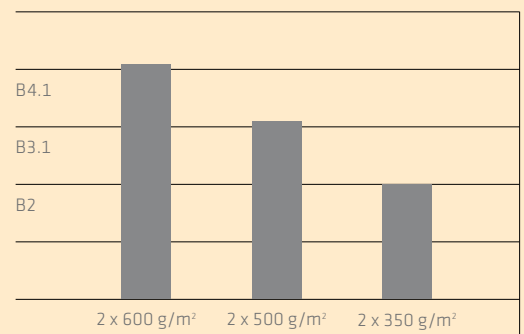


The high crack bridge property of this product has been strictly tested and proven.

Static crack bridging (-20°C)



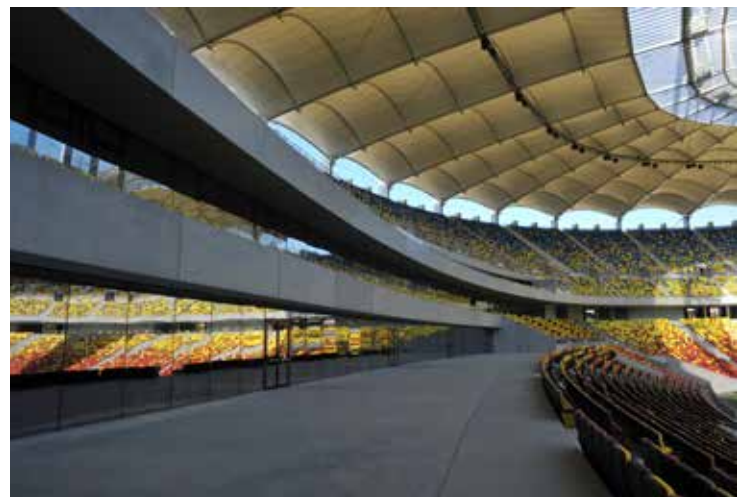
Dynamic crack bridging (-20°C)*



Sikagard®-555 W Elastic IS MOST OFTEN SPECIFIED IN THE FOLLOWING PROJECT TYPES:



Infrastructure



Stadium



Crack bridging testing in lab.

■ Sikagard®-555 W Elastic

* 1,000 cycles; A2: Static crack >0.250 mm; B4.1: Dynamic cracks 0.5 mm

ADVANTAGES

- Static & dynamic crack-bridging at low temperatures (-20°C)
- UV curing
- Resistant to freeze / thaw and de-icing salts
- Water vapor permeable
- Very good resistance against weathering and ageing
- Variable consumption to suit performance requirements
- No sagging at high application consumptions
- Reduced tendency to dirt pick up and contamination

TYPICAL USES

Sikagard®-555 W Elastic is a protective and decorative coating for:

- New concrete or reinforced concrete structures and elements at risk to cracking
- Concrete repair refurbishment works over Sika® pore filling or smoothing mortars and overcoating existing firmly bonded coatings
- Reducing the deterioration of concrete and assisting with controlling the corrosion of any embedded steel reinforcement
- Increasing the service life to all types of concrete structures and elements subject to cracking / cyclic movement
- Exterior use

APPLICATION METHODS



Hand applied using brush or roller.



Machine applied using airless spray.

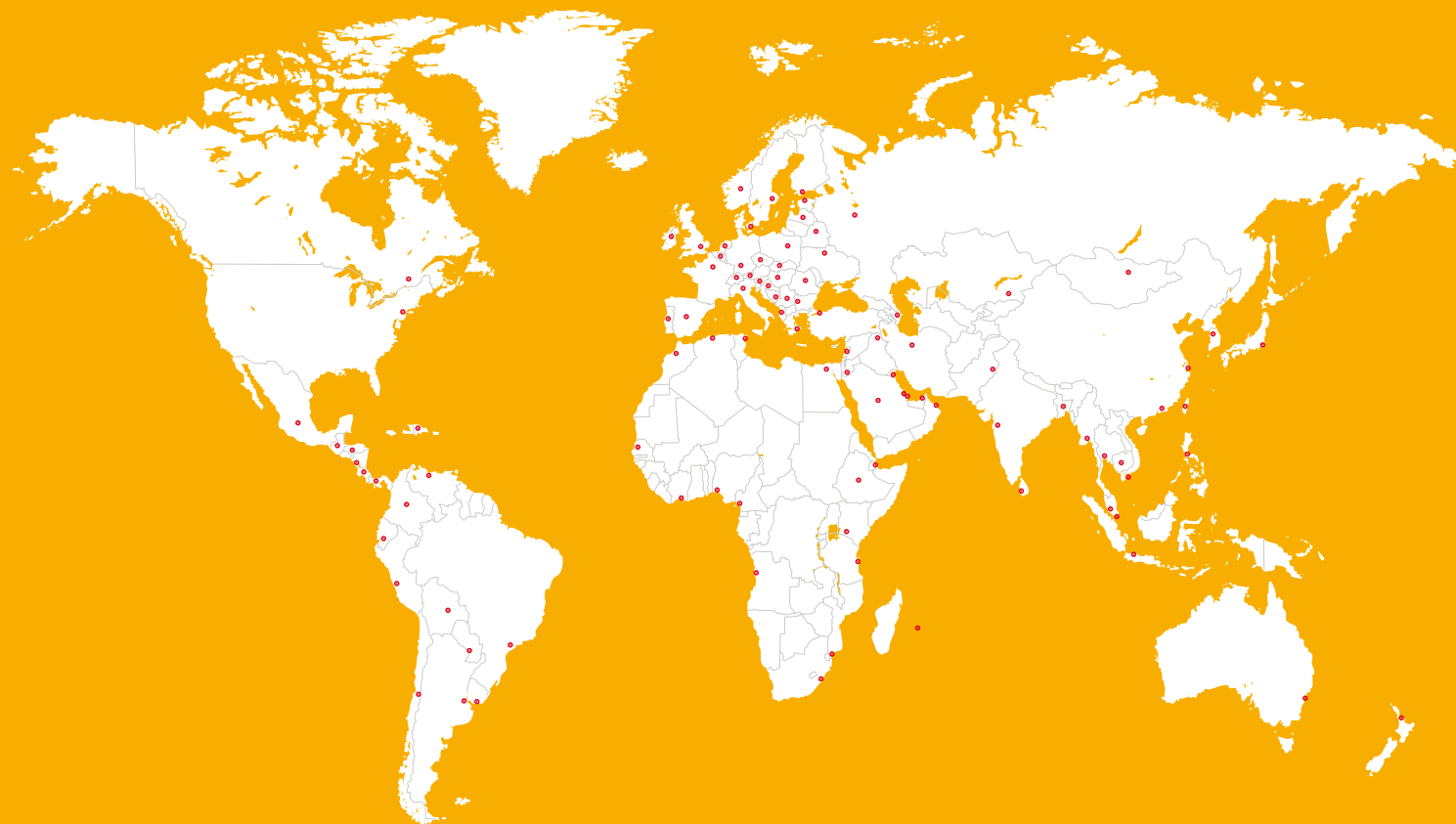


Industrial Facility



Car Park

GLOBAL BUT LOCAL PARTNERSHIP



FOR MORE CONCRETE PROTECTION INFORMATION:



WE ARE SIKA

Sika is a specialty chemicals company with 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's product lines feature concrete admixtures, mortars, sealants and adhesives, structural strengthening systems, industrial flooring as well as roofing and waterproofing systems.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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