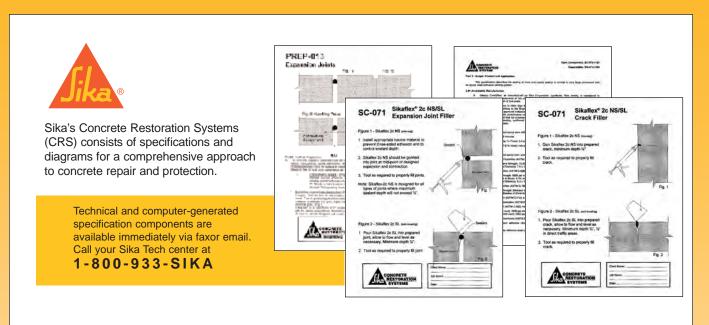
Also available from Sika for Building Facades and Balconies



1-Building Restoration, 2-Protective Coatings for Concrete Building Facades, 3-Technology and Concepts for Repair and Protection, 4-SikaWrap and CarboDur Composites, 5-Sika FerroGard 903, 6-Quality and Durability in Concrete Repair and Protection



Contact Sika At:

Phone: 1-800-933-SIKA NATIONWIDE Website: www.sikaconstruction.com







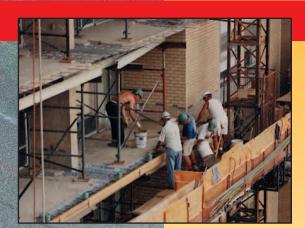
Sika Corporation (USA) 201 Polito Avenue Lyndhurst, NJ 07071 Phone: 201-933-8800 Fax: 201-933-6225 Sika Mexicana S.A. de

Carretera Libre Celaya Km. 8.5 Corregidora, Queretaro C.P. 76920 A.P. 136

Phone: 52 42 25 0122 Fax: 52 42 25 0537 Sika Canada, Inc. 601 Delmar Avenue Pointe Claire, Quebec H9R4A9 Phone: 514-697-2610 Fax: 514-694-2792 **Building Facades and Balconies** Sika Solutions For Concrete Construction, Repair And Protection. -High Durability Concrete -Facade Joint Sealing/Waterproofing -Balcony Coating/Waterproofing -Concrete Repair -Concrete Protection/Waterproofing -Structural Strengthening



Sika Solutions For Building Facades and Balconies



High Durability Concrete

Requirements:

Excellent long-term resistance to freeze/thaw cycling and cracking. Low permeability to resist steel corrosion from carbonation (pH loss) or chlorides(salts). Excellent pumpability and flow characteristics.

- Sika Solution:
- ▲ **Sikament**...high range water reducers (superplasticizers)
- ▲ SikaPump...pumping and consolidation aid
- ▲ Sika AER...air-entraining admixtures for freeze/thaw resistance
- ▲ Sika FerroGard 901...corrosion inhibiting admixture



Facade Joint Sealing/Waterproofing

Requirements:

Watertight expansion joints able to withstand excessive joint movements in facade elements without failure. High performance adhesion on most substrates without a primer. Sealant must be paintable. must not stain the substrate, and must be available in a variety of colors.

Sika Solution:

- ▲ Sikaflex 15LM...high performance, 1-part polyurethane sealant with extreme movement capabilities (+100/-50%)
- ▲ Sikaflex 1A...high performance, sealant with good movement capabilities (+/-25%)
- Sikaflex 2c...high performance, 2-part polyurethane sealant (available in self-leveling and non-sag grade), also available in over 50 standard colors.



Balcony Coating/Waterproofing

Requirements:

Watertight balcony surfaces that are resistant to deicing salts or other chloride sources, carbonation (pH loss), and all sources of water. Good abrasion and slip resistance.

Sika Solution:

- ▲ Sikadur Balcony System...epoxy resin-based, water impermeable protective overlay system. Also provides a comfortable, slip resistant surface.
- ▲ SikaColor Balcony System...acrylic, high build, waterproof, textured, decorative coating.
- ▲ Sikagard 701W...penetrating sealer/water and chloride repellent



Concrete Repair

Requirements:

Spall/patch repairs with excellent adhesion.

Protection to exposed reinforcing steel. Level rough surfaces and fill bugholes prior to coating. Repair cracks as required.

Sika Solution:

- ▲ Sika Armatec 110...anti-corrosion coating/bonding agent
- ▲ **SikaTop Plus** repair mortars...polymer-modified repair mortar with corrosion inhibitor
- ▲ **Sikadur** injection resins...epoxy resins for repair of structural cracks



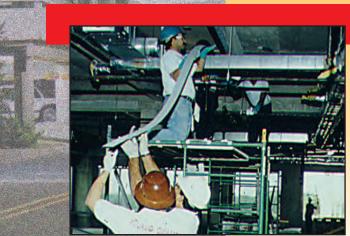
Concrete Protection/Waterproofing

Requirements:

Corrosion protection to areas outside patch repairs against carbonation, chlorides, and water infiltration.

Sika Solution:

- ▲ **Sikagard 550W/670W** anti-carbonation coatings...protective coatings in various colors; crack-bridging or rigid coatings available
- ▲ Sika FerroGard 903...surface applied corrosion inhibiting impregnation to protect surrounding areas from latent corrosion damage
- ▲ Sikagard 701W...penetrating sealer/water and chloride repellent



Structural Strengthening

Requirements:

Flexural and shear strengthening systems to reinforce structurally deficient beams, floor slabs, columns, girders, etc. Must be easy to install with little disruption to the building.

Sika Solution:

- ▲ Sika CarboDur strips...carbon fiber strips for tensile/flexural strengthening
- SikaWrap fabrics...carbon, glass, or hybrid fabrics for shear strengthening and column wrapping
- ▲ Sikadur structural adhesives...structural, moisturetolerant epoxy resins for bonding composites to concrete members