

Construction



Concrete Balcony Structures Sika Systems and Solutions



Concrete Balcony Structures

Typical Exposure Requirements



- Weather:** UV light, rain, frost, thermal variations
- Atmospheric:** Carbonation, pollution
- Chemicals:** De-icing salts, cleaners
- Wear and tear:** Pedestrian traffic – furniture
- Safety:** Slip resistance
- Aesthetics:** Colours/textures
- Durability:** Long term performance
- Maintenance:** Cleanability, spot repair
- Cost:** Value for money



Sika Specialities

Sika® FerroGard® Technology

Surface applied corrosion inhibitors to delay the onset of corrosion and to reduce the rate of any eventual corrosion.



Sika® EpoCem® Technology

Epoxy-Cement moisture barriers and anti-blistering mortar that allows secure application of Sikafloor® and Sikagard® coating systems.



Sika® CarboDur® Technology

Sika® CarboDur® composite strengthening systems. Lightweight, easy to apply, high strength and with minimal thickness.



Sika® Quality and Durability

Major projects repaired and protected with Sika Systems between 1977 and 1986 were inspected by leading independent consultants and testing institutes and their durability and performance assessed in 1997. (Copies available on request.)



Concrete Repair



Sikament®/ViscoCrete®, for high durability, self compacting repair concrete.
SikaTop®/Sika® MonoTop® hand applied or wet spray applied high performance repair mortars.
SikaQuick® universal repair mortar with corrosion inhibitor.

Concrete Protection



Sika® FerroGard®-903, surface applied impregnating corrosion inhibitor.
Sikagard®-700, surface impregnations to prevent water and de-icing salt penetration.
Sikagard®-500/600, coatings to prevent ingress of water and aggressive influences.

Deck Flooring



Sikafloor® EpoCem®, epoxy cement blended mortars that allow application of coatings on new or damp concrete surfaces.
Sikafloor®, epoxy and polyurethane floor coatings to protect and waterproof balconies and decks.

Tile Waterproofing



SikaBond®-T8, flexible and waterproofing adhesive for bonding tiles to old tiles, to concrete and wood.

Structural Strengthening



Sikadur®, structural epoxy resins for injection, bonding and strengthening.
Sika® CarboDur®, composite epoxy and carbon fibre plates for performance defined strengthening.
SikaWrap®, carbon, e-glass and hybrid fabrics with epoxy adhesives for all forms of strengthening.

Joint Sealing



Sikaflex® PRO-3WF, one-component polyurethane sealant for floor joints.
Sikaflex® PRO-2HP, one-component non-sag polyurethane sealant for high movement joints.

Steel Protection

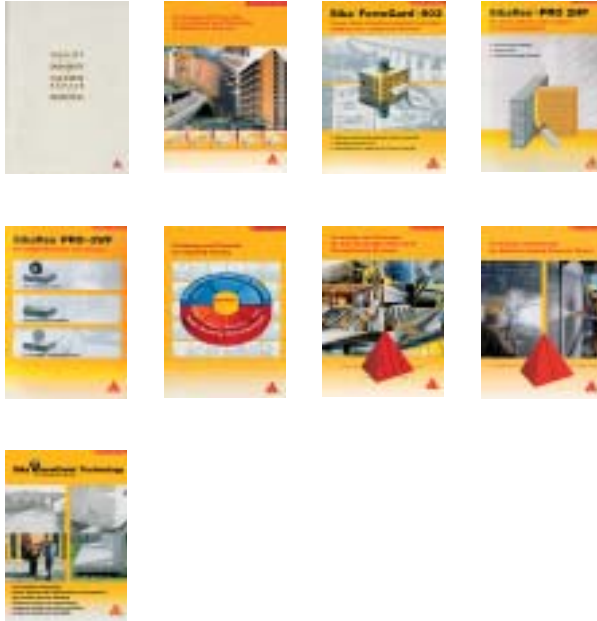


Sika® Icosit® HB 6630, modified acrylic resin combination with active corrosion protection pigments for hand derusted steel and direct application to galvanised steel.

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Also available from Sika



All orders are accepted subject to our current terms of sale and delivery. 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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