



SEALING

SikaHyflex[®]-250 Facade

HIGH-PERFORMANCE WEATHERPROOFING SEALANT FOR FACADES

BUILDING TRUST



THE HIGH-PERFORMANCE WEATHERPROOFING SEALANT

SikaHyflex® -250 Facade

Joint dimensions and shapes in facades are subject to changes due to thermal expansion and contraction of the building units. The corresponding movements must be accommodated by the sealant in order to protect the inner parts of the building against environmental influences.

Depending on region & climate exterior insulations on facades are today a standard design on new buildings. Especially for energy-related renovations this system is an ideal solution. In exterior insulating systems joints must be considered particularly. Because of the thin plaster layer and the relatively weak substrate the sealant must be selected carefully in order not to apply an excessive load.

Sika's flexible, low modulus and long lasting sealants are able to absorb these movements and avoid high forces on joint edges and therefore ensure tight and durable joints.

SikaHyflex®-250 Facade is a 1-part, moisture curing, elastic joint sealant suitable for movement joints and connection joints in:

- Concrete & masonry facades
- Natural stone facades
- EIFS & ETICS Facades*
- Parapets of balconies and galleries and as well as many other constructions.

Approvals & Standards

- EN15651-1, class 25 LM
- ISO 11600 F 25 LM
- DIN 18540 F
- ASTM C920, class 100/50
- EMICODE EC 1^{PLUS} R, very low emission
- ISO 16938-1 non staining on marble
- ASTM C 1248 non staining on marble
- Passes LEED EQc 4.1

* Exterior Insulation & Finishing System (EIFS) / External Thermal Insulation Composite Systems (ETICS)



SikaHyflex®-250 Facade is based on Sika i-Cure® technology. This new moisture-curing technology and the latest production methods allow the formulation of sealants with best properties.



BEST APPLICATION PROPERTIES



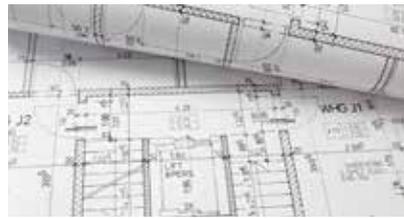
KEY PROPERTIES

- Very easy to extrude
- Very good workability
- Easy to smooth
- Absolutely non sag
- Good adhesion to many substrates
- Solvent free

YOUR BENEFITS

- Faster application
- Higher quality of workmanship
- No disturbing odours from solvents or any ingredients

BEST PROPERTIES FOR JOINT DESIGN



KEY PROPERTIES

- Uniform product quality
- Conforms to ISO 11600 F 25 LM
- Conforms to EN 15651-1, class 25 LM
- Conforms to ASTM C 920, class 100/50
- Odourless & very low emissions
- Over paintable

YOUR BENEFITS

- Safety in calculation and design even on weak substrates due to the outstanding movement capability
- Ensures that technical requirements are met
- No risk of complaints from residents due to emissions and odours
- Over paintability provides every possibility to choose the facade paint and colour

BEST PROPERTIES FOR LONG LASTING JOINTS



KEY PROPERTIES

- Excellent weathering and ageing resistance
- Unique bubble free curing mechanism
- Movement capability +100/-50% (ASTM C 719)
- Low stress to the substrate

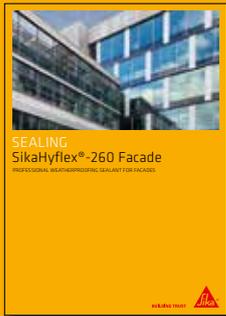
YOUR BENEFITS

- Long lasting construction with less maintenance costs
- Durable sealant with no flaws and bubbles due to unfavourable curing
- Less risk of failures and leakages due to outstanding movement capability even on weak substrates such as plasters
- Saves heating & cooling energy due to long lasting and tight joints in building envelopes

Product Information

Packaging	600 ml foil pack, 20 foil packs per box
Shelf life	15 months (storage between +5°C and +25°C)
Colours	White, concrete grey, middle grey, dark grey, grey 5057, beige, brown, black, other colors on request
Sag flow	0 mm (ISO 7390)
Movement capability	±25% (ISO 9047), +100/-50% (ASTM C719)
Elongation at break	800% (ISO 37),
Application temperature	+5° and +40 °C
Surface Preparation	Sika® Aktivator-205 for powder coatings and metals, e.g. aluminium, steel. (Flash-off time: min. 15 minutes). Sika® Primer-3 N for porous substrates, e.g. concrete, mortar, masonry, plaster. (Flash-off time: min. 30 minutes). Sika® Primer-215 for PVC and mortar in window connection joints. (Flash-off time: min. 30 minutes). Primers are only adhesion promoters. They are not substitutes for cleaning the surface nor can they improve the strength of the substrate significantly. For further information see Pre-treatment chart Sealing & Bonding. For good quality and clean substrates no primer is needed.

ALSO AVAILABLE FROM SIKA



FOR MORE SikaHyflex®-250 Facade INFORMATION:



WHO WE ARE

Sika AG, Switzerland, is a globally active specialty chemicals company. Sika supplies the building and construction industry as well as manufacturing industries (automotive, bus, truck, rail, solar and wind power plants, façades). Sika is a leader in processing materials used in sealing, bonding, damping, reinforcing and protecting loadbearing structures. Sika's product lines feature highquality concrete admixtures, specialty mortars, sealants and adhesives, damping and reinforcing materials, structural strengthening systems, industrial flooring as well as roofing and waterproofing systems.

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



SIKA SERVICES AG
Tüffenwies 16
CH-8048 Zürich
Switzerland

Contact
Phone +41 58 436 40 40
Fax +41 58 436 41 50
www.sika.com

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