



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.

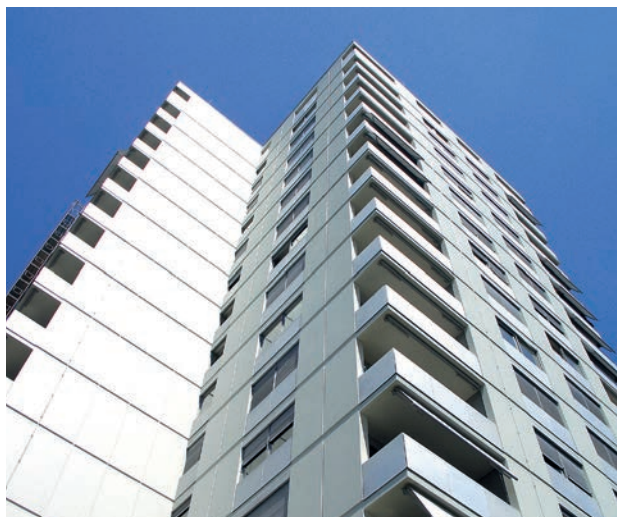
SikaHyflex®-250 Facade is a 1-part, moisture curing, elastic joint sealant suitable for movement joints and connection joints in:

- 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

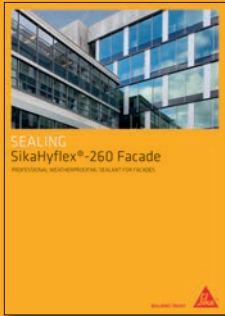
YOUR BENEFITS

- 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:



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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