

# Solutions for Window Installation

## General Description & Main Requirements

Windows are a key element of current building envelopes. With significantly enhanced insulation values of today's insulating glass units and window frames window installation becomes more important as well. A proper installation of windows ensures tight connections to adjacent building elements and thus helps to meet the requirements for sustainable building and enhances the insulation of the entire facade.

The main requirements for solutions in this application are:

- Especially sealants must have a very good weathering resistance and should ideally be overpaintable.
- Sealants and adhesives must provide good adhesion to different construction materials (porous and non-porous).
- Sealants and membranes must be flexible to absorb movements

## SikaHyflex®-220 Window

1-part window & door perimeter sealant

### Key advantages

- Good weathering resistance
- Good adhesion on porous and non-porous substrates.
- Over paintable

### Approvals

- ISO 11600 F
- EN 15651-1

## SikaMembran® Window

Special air, wind and rain tight membranes for window installation

### Key advantages

- Very flexible
- Double side fleece backing
- One side equipped with pressure-sensitive tape

#### Type Indoor:

- Vapour impermeable

#### Type Outdoor:

- Vapour permeable

### Approvals

- Fire resistance class B2 according to DIN 4102

## Benefits of Sika SikaHyflex®-220 Window

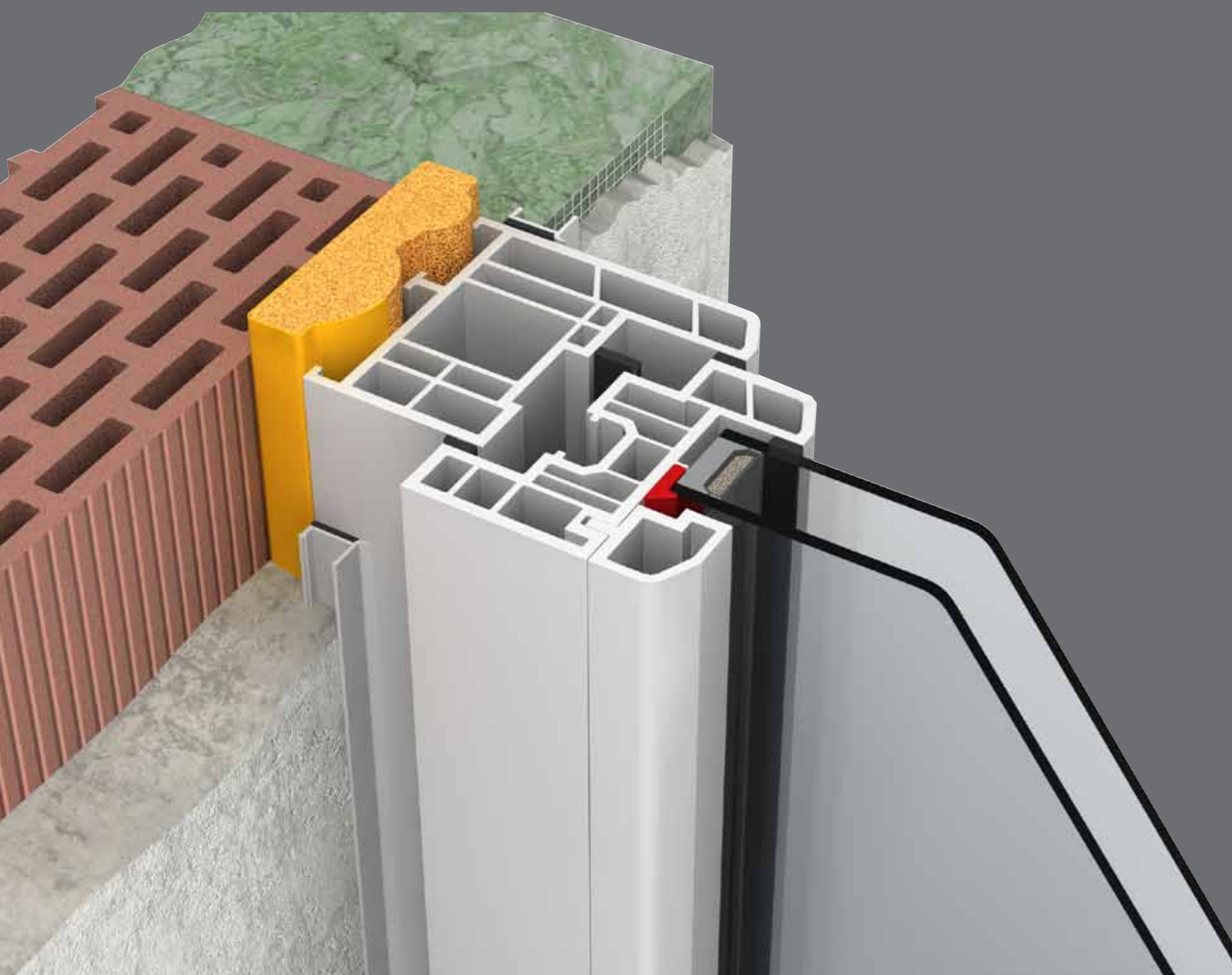
- Due to the excellent adhesion properties to different substrates without primer the applicator saves time due to a faster application and the risk of leakages through adhesion loss can be minimized. The building envelope remains tight.
- The over paintability of **SikaHyflex®-220 Window** provides architects the possibility to match the colour of the joint exactly to the window frame.

## Benefits of SikaMembran® Window System

- The flexible membranes are easy and fast to install and three dimensional fittings such as corners are uncomplicated to form.
- Additionally, the pressure sensitive tape helps to shorten the installation time of **SikaMembran® Window** because of the quick and simple mounting of the membranes to window frames.







### Sika® ExpansionTape-600

Water vapour permeable tape that seals against wind, dust, spray water and driving rain.

#### Key advantages

- Driving rain tight ( $\geq 600$  Pa)
- Over paintable with major dispersion paint brands
- High initial adhesive strength

#### Approvals

- Fire resistance class B1 according to DIN 4102
- Quality and performance externally controlled by IFT Rosenheim
- Complies with DIN 18542 BG1

### Sika® WindowTape One

One expansion tape for the entire window installation with higher performance than common expansion tapes.

#### Key advantages

- ONE product solution for the perfect window installation
- Driving rain tightness  $> 1000$  Pa
- Optimal humidity transport towards outside

#### Approvals

- Fire resistance class B1 according to DIN 4102
- Quality and performance external controlled by IFT Rosenheim
- Complies with DIN 18542, BG1/BGR

### Benefits of Sika Sealing Solutions

- Due to the high initial adhesive strength the application of the expansion tapes to the window frame is very easy and fast. The applicator is able to save time and can be sure that no adhesion loss will occur.
- **Sika® WindowTape One** unites all required properties for an appropriate window installation in one product. It is very easy and astonishingly fast applicable. Contractors increase their productivity and there is no risk of failures through a wrong choice of product mix.

