

weber HP 3A

Hybrid polymer based, single component, high module joint sealant and adhesive

Technical Data Sheet

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Description

Hybrid polymer based, single component, UV resistant, high module, solvent-free joint sealant and adhesive.

Advantages

- Perfect adherence
- Resistant to strong movements on joints
- Applicable on damp substrates
- No volume loss, non-shrinking
- Environmentally friendly
- Solvent and isocyanate free
- Excellent UV resistance, weathering and aging
- Resistant to chemicals

Application areas

Used especially on vertical and horizontal joints requiring permanent flexibility and high sagging resistance in broad temperature ranges; joints of pre-cast components; joints of prefabricated components, roof and terrace dilatations; parapet corner joints; wall, floor, window and door frames. Also used on joints of bathroom, kitchen, shower cabins, sinks, counters in interior wet areas. Chemically neutral, odorless and resistant to severe weather conditions and mould.



Application substrates

Interiors and exteriors;

- Concrete, pre-cast concrete, fiber concrete and concrete panels
- Wood, metal, aluminium, brick, tile, marble, glass, galvanized sheets and many plastic substrates

Please consult us for all other application substrates.

Preparation of substrates

- Joint areas should be dry and clean while applying **weber HP 3A**; and should be free from any kind of cement, oil, adhesive and paint residues.
- No coating should be on nonporous substrates like glass and metal; cleaned with cellulosic thinner as pretreatment if necessary. Additionally, metal substrates should be treated with anticorrosive materials.
- Use of masking tapes recommended on sensitive substrates and where straight and sharp edge formation required.

Application conditions

- Surface and ambient temperature between +5°C and +35°C.
- Avoid application in extremely hot and/or damp weather.
- Should not be used on frozen or melting substrates, or substrates with the risk of frost within 24 hours.

Application

- During application, **weber HP 3A** should contact both sides of the joint and polyethylene cord. The material should be applied equally and continually while the tip of the cartridge remains within the joint. For correct application, the sealant should not be applied in multiple layers.
- Smooth the surface of the sealant and check for the adhesion on the substrate right after the application. Possible air bubbles in the material should be let off during this process.
- The substrate should be cleaned with a suitable material soaked with soap water solution.
- Remove masking tapes before **weber HP 3A** dries.
- **weber HP 3A** should not be used in fully closed areas as it requires moisture for curing.
- Application tools should be cleaned using alcohol.

Application tools

Sausage gun

Consumption

| Joint width x Joint depth (mm) | Consumption (ml/m) | Filling made with 600 ml sausage (m) |
|--------------------------------|--------------------|--------------------------------------|
| 10x10 | 100 | 6,0 |
| 15x10 | 150 | 3,9 |
| 20x10 | 200 | 3,0 |
| 25x12 | 300 | 2,0 |
| 30x15 | 450 | 1,3 |

Points of attention

- For more flexibility, place polyethylene profile at the bottom of the joint before **weber HP 3A** application.
- weber HP 3A** adheres on many smooth surface structural elements without primer. However, a minor test is recommended before application on very absorbent or glossy, treated or painted coatings.
- Width of facade joints are usually between 15-30 mm. The optimum joint width is two times of joint depth.
- Can be painted but cracks may form after the joint movements. It should be tested before painting.
- Use gloves and glasses during the application, avoid eye and skin contact.
- Do not use in applications where continuous water immersion is possible

Technical specifications

| | |
|--------------------------------|---|
| PRODUCT | weber HP 3A |
| Chemical structure | Hybrid polymer |
| Packaging | Net: 936 gr \pm %3 sausage Brüt: 600 ml \pm %3 sausage |
| Colour | White, grey |
| Density | 1,58 \pm 0,03 g/cm ³ |
| Surface drying (25°C, %50 rh) | > 15 min |
| Tensile strength at break | \geq 1,80 MPa |
| Elongation at break | \geq %250 |
| Application temperature | Between +5°C and +35°C |
| Temperature resistance (cured) | Between -40°C and +90°C |
| Shore hardness | 45-55 Shore A |

Storage

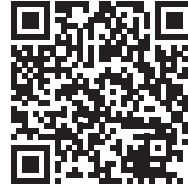
| | |
|------------|--|
| Packaging | Net: 936 gr \pm %3 sausage Brüt: 600 ml \pm %3 sausage |
| Colour | White, grey |
| Shelf Life | • 12 months from date of manufacture when stored unopened and undamaged, away from direct sunlight, between +5°C and +25°C, in a dry, moisture-free environment. |

Safety precautions

- Use appropriate safety equipment (mask, gloves, glasses).
- Protect your eyes/face.
- Avoid direct contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.
- Please read Safety Data Sheet (SDS) for further safety information, waste management and/or product disposal

LEGAL DISCLAIMER

Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş. is not responsible for any errors arising from the use of product beyond its intended purpose or not complying the application procedures mentioned above.



Access detailed documentation of the product by scanning QR or tr.weber.

The stated times apply for 20°C substrate and ambient temperature; increase at lower temperatures and decrease at higher temperatures.
Saint-Gobain Weber Yapı Kim. San. ve Tic. A.Ş. is not responsible for the application errors arising from use of product beyond its intended purpose of failure to comply with the forgoing application conditions and advice on the product.