

# weber HP 3A

## Hybrid polymer based, UV resistant, elastic, single - component joint sealant

### ■ Description

Hybrid polymer- based, free of solvent, odorless, environmentally friendly, very high elastic, one-component, UV resistant easy to apply joint sealant.

### ■ Advantages

- High mechanic and chemical resistance.
- Free of solvent isocyanate and silicon.

### ■ Range of application

- Applied in vertical and horizontal joints requiring permanent flexibility and high sagging resistance where stress is present in very wide temperature ranges. It is chemically neutral, odorless, environmentally friendly and resistant against severe weather conditions.

### ■ Application substrates

- Ensures perfect adherence on concrete, brick, wooden, aluminum, iron, stainless steel, copper and various plastic materials.
- Please consult us for all other application substrates.

### ■ Performance

- Based on: Hybrid Polymer
- Shore A hardness (DIN 53505):  $\pm 25$
- Density:  $1,35 \pm 0,05 \text{ gr/cm}^3$
- Service Temperature: Between  $-40 \text{ }^\circ\text{C}$  and  $+90 \text{ }^\circ\text{C}$
- Elongation at Break (DIN 53504):  $\geq \%500$
- Elasticity Modulus (DIN 52455):  $0,35 \text{ N/mm}^2$
- Tearing Strength (DIN 53504):  $\geq 1 \text{ N/mm}^2$

### ■ Application properties

- Hardening time: 2-3 mm/day ( $23 \text{ }^\circ\text{C}$ , 50% humidity)
- Skin formation: 20-30 min. ( $23 \text{ }^\circ\text{C}$ , 50% humidity)
- Consistency: pasty

### ■ Conditions of application

- The surface and ambient temperature: is between  $+5 \text{ }^\circ\text{C}$  and  $+30 \text{ }^\circ\text{C}$ .
- Avoid application under very damp and/or hot weather.
- It should not be used on substrates which are frozen or melting or have the risk of frost within 24 hours.

### ■ Preparation of substrate

- Joint edges should be dry and clean, free from any kinds of cement, oil, adhesive and paint residuals.

- In addition, metal substrates should be treated with anti-corrosive material.
- Masking tape is recommended on sensitive substrates.

### ■ Application

- During application of **weber HP 3A** it should be contacted with both sides of joint and polyethylene round profile foam very well. The material should be applied in equal amount into the joint continuously until the end. The second layer application should not be done.
- Following the application, the sealant should be leveled and checked whether it has adhered on the substrate well or not. Possible air bubbles in the substrate during this application should be blown up.
- The substrate should be cleaned with a cleaning agent wetted with soap water solution after the application.
- Masking tape should be removed before **weber HP 3A** hardens.
- Since **weber HP 3A** needs humidity to complete the curing, it should not be applied in on airless complete closed area.
- All tools should be cleaned with alcohol.

### ■ Attention points

- In order to obtain high elasticity, the sealant should not adhere to the ground surface by placing a polyethylene foam between.
- **weber HP 3A** provides adherence on flat substrate structural components without primer. However, a minor test on painted coating materials, absorbent or shiny substrates is recommended before the application.
- Mostly the joints on the substrates has a width of 15-30 mm. Most appropriate is the joint width should be nearly two times of joint depth.
- Shall be overpainted but cracks on the paints might happen after the dilatation movements.
- Use gloves and goggles during application and avoid skin and eye contact.

### ■ Consumption

Joint width x joint depth (mm)	Consumption / mt ( $\text{cm}^3$ )	Filling of 0,600 lt (mt)
10 x 10	100	6,0
15 x 10	150	3,9
20 x 10	200	3,0
25 x 12	300	2,0
30 x 15	450	1,3

■ **Packaging**

0,290 lt cartridge and 0,600 lt sausage.

■ **Color**

White, grey.

■ **Shelf life**

9 months as of the production date in dry and moisture-free environment provided that packages will not be opened. Package should be kept tightly closed when not in use.

FOR INFO

> The stated times apply for 20 °C substrate and ambient temperature and increase at lower temperatures and decrease at high 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 or failure to comply with the foregoing application conditions and advice on the product.



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