

**HIPPO<sup>®</sup>**

**PRO<sup>®</sup>**

**2**



**USER GUIDE**



## Hippo PRO2 Sealant & Adhesive

PRODUCT CODE	EAN	COLOUR
H18502	5060084185029	White
H18503	5060084185036	Translucent

### PRODUCT DESCRIPTION

Hippo PRO2<sup>®</sup> is a one part, chemically curing, solvent free sealant and adhesive combining the best qualities of silicone and polyurethane technologies . It is specifically designed for adhering most common building surfaces to each other and themselves.

### KEY BENEFITS

- Meets the requirements of ISO11600 F25LM (Except translucent)
- Good initial grab, no slip and amazing sealant properties.
- Strong bonding strength.
- Interior and exterior use.
- Can be applied to wet surfaces.
- Will cure fully whilst underwater.
- Totally waterproof & weatherproof.
- Quick curing (Skin time / touch dry from 20 mins)
- Overpaintable if required.
- Solvent free.



- Resistant to temperature extremes -50°C to +150°C (Translucent +70°C)
- Permanently flexible +/- 25% movement (Translucent +/- 12.5%)
- Resistant to chemicals & petrol (10% dilute acids/alkalis, most solvents).
- Excellent primer less adhesion to most surfaces, including metals, most plastics, glass, concrete, plaster, plasterboard, polyester, perspex, glass, wood, enamel, painted surfaces etc.

## AREAS FOR USE

Sealing and bonding a wide range of applications. The following are just some examples. External and internal perimeter pointing around doors and windows, especially in mobile structures such as caravans and boats, automotive gap filling and sealing vertical expansion joints, jointing cladding panels.

Also any application requiring high performance, durable sealing and bonding of joints, including applications where resistance to chemical spillage is required (eg. garage forecourts).

## LIMITATIONS

- Use on overhead applications – Always use in conjunction with mechanical fixings.
- Use in conjunction with mechanical fixings for glass block fitting or large mirrors (>0.5m<sup>2</sup> total area).
- For heavy items, provide temporary support until adhesive has dried.
- Do not seal mirror edges/plastic sheeting until adhesive has cured.
- In areas of high UV; some darkening/discolouration may occur. This does not affect the performance of the sealant.
- Do not use on surfaces that bleed oils or plasticizers.
- It is the user's responsibility to determine suitability for use. If in doubt, please contact our Technical Services Department for advice.
- Not for use as part of a structural glazing system.
- Not for use in aquarium manufacture.
- Not for use in conjunction with bitumen, or asphalt.
- Yellowing can occur in predominantly dark conditions (White)



## SURFACE PREPARATION

All surfaces must be clean, dry and dust free. All loose or flaking surface coatings, old sealant and mastic joints, should be removed before application. Glass, metal and aluminium should be cleaned with a proprietary solvent cleaner prior to application for optimum adhesion. Always ensure adequate ventilation. When using PRO2 Translucent avoid heat, sparks and open flames. Observe and follow all precautions listed on the product label.

We do not recommend application to surfaces that are below 5°C as it is impossible to guarantee a dry, frost-free surface at these temperatures. It is unlikely that priming will be required, however concrete must be sealed using a suitable primer. If in doubt consult Technical Services.

## APPLICATION

### Sealant

If necessary reduce joint depth using expanding foam, packing material or a joint backer rod. Furthermore, ensure that the joint design only permits adhesion to two surfaces, as three sided adhesion will impair flexibility.

Cut the tip off the cartridge taking care not to damage the thread. Fix nozzle to the cartridge and cut the aperture to the desired bead thickness. Apply using a standard cartridge gun at an angle of 45° with an opening slightly larger than the gap to be sealed. Best results will be obtained by keeping an even pressure on the gun trigger and keeping the gun at a constant angle to the surface being sealed.

Smooth down within 10 minutes of application. To ensure a proper bond, always smooth the sealant down using a spatula or piece of wood dampened with a soap and water solution. An improved appearance can be achieved by placing Hippo masking tape to both sides of the joint and removing within 5 minutes of application.

### Adhesive

Surfaces must be sound, clean, dry and free from dust, grease, loose material etc. Prime excessive dusty surfaces with Hippo PVA diluted 1:4 with water and allow to dry.

For bonding heavy items apply adhesive around the item (30 - 50mm from edge) and cover back with beads of adhesive at 300mm intervals. Alternatively, apply adhesive direct to battens and press into place. NOTE: With heavy items, you may need to provide temporary support until the adhesive dries.

For bonding lightweight items apply adhesive to back of item in one or two continuous beads and press immediately into place.

In all cases, clean up excess PRO2 immediately.

## SPECIFIC DATA

	White	Translucent
<b>FORM</b>	Paste (ready to use)	
<b>DENSITY</b>	1.400 - 1.500	1.050 ± 0.05g/cm <sup>3</sup>
<b>APPLICATION TEMP</b>	+5 to +35°C.	
<b>SKIN FORMATION</b> (At 23 °C & 50% RH)	20 - 45 mins	10 - 30 mins
<b>CURING</b> (At 23 °C & 50% RH)	> 2mm / 24 hours	> 3mm / 24 hours
<b>SERVICE TEMP</b>	-50 to +150°C.	
<b>CHEMICAL RESISTANCE</b>	Excellent	
<b>UV RESISTANCE</b>	Excellent	
<b>PAINT COMPATIBILITY</b>	Water based: Yes Solvent based: Test compatibility	
<b>COVERAGE</b>	Approx 13.4 linear meters per cartridge	Approx 11 linear meters per cartridge
<b>SHELF LIFE</b>	12 months when stored in unopened containers under cool dry conditions. AVOID FROST.	

## HEALTH & SAFETY

Consult Material Safety Data Sheet for full list of hazards

## STORAGE

Store in original unopened containers between 5 and 25°C

## NOTES

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired.



Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application.

Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product.

Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions.

The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.

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