

PRODUCT DATA SHEET

# Allefix® 126

## BOND & SEAL - CONSTRUCTION ADHESIVE

This product is a high performance construction adhesive with a super strong high initial tack. It can also function as a medium modulus sealant.

Curing of **ALLEFIX® 126** is based on our proprietary **HYDROSYNTHESIS™** technology. **ALLEFIX® 126** is especially formulated for use as a high grab and super strength adhesive for bonding most building material such as stone, concrete, mirrors, glass, plasterboard, PU, PVC, hard plastics, enamel, ceramic, copper, lead, zinc, tin, aluminium, metals, alloys, stainless steel, HPL and cement fibre panels, wood and composites.



### PRODUCT FEATURES

Excellent adhesion on nearly all surfaces even slightly moist.
High Strength and Direct tack, no support required.
Better extrudability than other High Tack adhesives.
Stays elastic after curing.
No odour and Paintable.
Interior & Exterior & Underwater Use.
No Shrinkage.
Solvent-Free, Acid-Free and Isocyanate-Free.

### ADVANTAGES

Ultra Low-VOC and Green Formulation.
Single Component—Minimizes error and health hazards of toxic hardener components.
No Support Required.
Non Bubbling under high temperature and humidity.

#### Packaging

Available in 290mL cartridges (20 cartridges per carton) and 300mL/600mL sausage (20 sausages per carton)

#### Shelf Life

12 months in unopened packaging stored in a cool and dry storage place with storage temperatures of 5°C—28°C, away from sunlight and excessive moisture.

#### Substrates

All common building substrates such as concrete, aluminium, slates, stones, treated wood, PVC etc. Not suitable for PE, PP PTFE (Teflon) and asphaltic substrates. We strongly recommend a preliminary compatibility and adhesion tests before actual use.

#### Surface Preparation

Usually no primer is required. For porous surfaces, use Primer 100/105 if required. Prepare non-porous surfaces with suitable cleaner detergent.

#### Cleaning

Clean with White Spirit or Surface Cleaner immediately after use (prior to curing).

### Finishing

Clean with White Spirit or Surface Cleaner immediately after use (prior to curing).

### TECHNICAL DATA

Appearance	Stable Paste
Smell	Odourless
Colours	White
Specific Gravity	~1.63 g/ml
Hardness	48 Shore A
Maximum Tension	2.20 N/mm <sup>2</sup> (ISO 37)
Elongation at break	300% (ISO 37) 1.25
100% Modulus	N/mm <sup>2</sup> (DIN 53504)

### APPLICATION DATA

Curing System	Moisture-cured / HYDROSYNTHESIS™
Skin Time	~120 minutes (23°C, 50% RH)
Flow	<2mm (ISO 7390)
Curing Speed	2-3mm/24hr (23°C, 50% RH)
Application Temp.	5-35°C

**ALLEFIX® 126** is usually applied manually with a professional high thrust ratio (minimum 18:1 to 26:1) caulking gun or battery powered pneumatic caulking gun with a V-nozzle of the same thrust ratio.

- Product may be overpainted with waterbased paints, however a spot compatibility test is strongly advised prior to full application of product.
- Drying Times of certain paints may increase if used over product.
- Product is not recommended as a glazing sealant.
- Do not use under continuous high pressure water immersion.
- Discoloration due to prolonged exposure to chemicals, high temperatures and UV may occur. A change in colour does not affect the technical properties of product.
- Contact with bitumen, tar, EPDM, neoprene etc. can cause discoloration or reduced adhesion.

Precautions: WARNING: FOR PROFESSIONAL USE ONLY.  
Before using product, read product SAFETY DATA SHEET (SDS) and instructions on packaging. This PDS has been produced to our best knowledge during time of publishing and we reserve the right to amend any data whenever deemed suitable.