

OmniFix

Product Description

Pioneer OmniFix is a 2-in-1 hybrid adhesive and sealant that combines heavy-duty adhesion strength with extreme flexibility. The result is a multi-purpose product that can be used for almost any kind of construction and repair work, indoor or outdoor.

Key Features

- Heavy duty bonding: holds 120 kgs for every 10 square centimeter area
- Permanent flexibility: greater than 500% elongation vs other sealants
- Instant adhesion on most materials (except PE,PP or PTFE)
- Waterproof, resistant to UV, to harsh weather, and to chemicals
- Paintable
- Sustainable, uses less materials that are harmful to environment
- Good mold resistance

Product Specifications / Typical Properties / Physical Characteristics

**Table 1. Physical properties*
UNCURED STATE***

Parameters	Results
Color	White
Sag(mm)	Nil
Tack Free Time	50-55 minutes
Specific Gravity	1.54
Extrusion Rate	74.19 g/min
Cure Thru Time	72 hours

**Table 2. Physical properties*
CURED STATE***

Parameters	Results
Hardness, Shore A	38
Tensile Strength	1.20 N/mm ²
Elongation	>400%
Lap Shear Strength (Based on ASTM D905 - wood to wood)	230 psi
Lap Shear Strength (SS-SS)	160 psi
Adhesion Strength (SS-SS)	245 psi
Effect on EPS	Negligible
Reaction to back mirror coating	None

Application Ideas

- Suitable for both interior and exterior
- Construction joints
- Home decorations
- Mirror fixing
- Metal or aluminum door strip
- Ceramic, tiles, and glass
- Timber or fiber cement sheeting to cement block or brick walls
- In the groove of tongue and groove flooring
- EPS Foam

Limitations

- Substrate surface temperature that exceeds 50°C
- Surfaces that has direct contact with food
- Not for structural glazing
- Not recommended for continuous water immersion applications



Application Procedure

Surface Preparation Thoroughly clean and dry surface from oil, dirt and grease.

Method

1. Cut nozzle to desired size.
2. Insert cartridge into caulking gun.
3. If used as adhesive, apply a dot or strip on one side then hold parts together with sufficient pressure. If used as sealant, apply and tool immediately.
4. Clean of excess sealant with solvent.

Cleaning

Clean all tools or equipment used while coating is still in its uncured state. Use lacquer thinner to clean tools and spills.

Application Equipment

- Caulking gun

Packaging

SKU	Size	Quantity per box
Cartridge	260 mL	12 pcs

Certification and Compliance

Store in a cool dry area and away from direct sunlight. Keep containers securely sealed. Store away from food and incompatible materials. The storage stability will at least 12months from date of manufacture.

Shelf Life

12 months

Health and Safety Precautions

- Wash thoroughly after handling
- Wear protective gloves/protective clothing/eye protection/face protection.

If on skin: Wash with plenty of soap and water. **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. **If exposed or concerned:** Get medical advice/attention.

Specific treatment: If skin irritation occurs: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention. **If eye irritation persists:** Get medical advice/attention. Take off contaminated clothing and wash before reuse.

KEEP OUT OF REACH OF CHILDREN.

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