MIRROR PRO

Hybrid Polymer Adhesive For Mirrors And Glazed Products

Technical Data Sheet

PRO RANGE OF (HYBRID) SEALANTS & ADHESIVES

Description:

A one part polymer based high strength adhesive which is non-corrosive for the fixing of mirrors and glazed products.

Features & Benefits:

- ***Non-corrosive.***
- ***Solvent-free and odourless.***
- ***Quick curing.***
- ***Excellent adhesion.***
- ***Can be applied to wet surfaces.***
- ***For interior use.***
- ***Can be overpainted with waterbased paints.***

Uses

MIRROR PRO is a ready to use adhesive suitable for use on mirrors, glass and ceramics, which is non-corrosive and odourless. It has outstanding resistance to heat and humidity and does not require a primer.

Suitable for internal bonding of mirrors, glazed surfaces, ceramics, enamel, metals, PVCu, polycarbonate and treated or untreated wood to most common substrates. Contains a powerful anti-bacterial and mould resistant formula, designed especially for applications in areas of increased humidity, such as bathrooms and kitchens. Suitable for aluminium, metal, uPVC, glass, glazed ceramics, lacquered wood, brickwork, concrete, and most plastic (except PP, PE and PTFE). Can be used both indoor and outdoor and provides long term weather resistance and UV stability.

Limitations

Do not use on surfaces that bleed oils or plasticisers. Do not use in the manufacture of structural glazing. Any mirror made with 6mm glass or thicker needs mechanical fixing.

Any mirror on a sloping wall or ceiling must have mechanical fixings. Any mirror greater than $1m^2$ must have mechanical fixings.

DO NOT use on safety mirrors.

Preparation

Ensure all surfaces are clean and free from grease, oil or any other contaminants that may hinder adhesion. Surfaces may be moist but not overly saturated with water.

Application

Carefully cut the tip of the cartridge, taking care not to damage the threaded area. Cut off top of nozzle at an angle of approximately 45˚ to an opening of approximately 10mm. Screw on nozzle and place cartridge in a standard sealant gun.

For glass thickness of 2 to 4mm apply a 10mm bead of adhesive at 100mm intervals vertically to the back of the mirror, or surface to be bonded. Place the mirror in position and apply even pressure. Provide temporary support (tape) whilst the adhesive cures. The edges of the mirror can also be sealed with MIRROR PRO if required but leave 24 hours after fixing.

For glass thicknesses above 6mm, mirrors greater than $1m^2$ area or mirrors on ceilings or sloping walls, MIRROR PRO **MUST** be used in conjunction with mechanical fixings.

Coverage

Depending upon substrate condition and porosity the approximate coverage rates will be approximately $1m^2$ per cartridge.

Colour

Available in white.

Size

EU3 plastic cartridge.

Shelf Life

18 months from date of manufacture, when stored in original, unopened cartridges.

Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any containers to a central disposal point in accordance with local regulations.

Storage Conditions

Store in original, unopened cartridge, in a cool, dry place at a temperature between +5°C and +25°C.

Health & Safety

Please refer to separate material safety data sheet for full handling, use and storage instructions. Keep out of reach of children. It is the users responsibility to determine suitability for use. If in doubt contact our Technical Department for advice.

Note: this information is for general guidance only, since site conditions and labour are beyond our control. It is recommended that users make their own tests to determine suitability.

Specification Summary

Curing in 24 hours	2.5mm
Shrinkage	Nil
Skinning Time	approx 10 minutes
Hardness Shore A (DIN 53505)	45+/-4
Temperature Resistance	-30°C to +95°C
Application Temperature	+5°C to +40°C

Product / Order Details

Code	Colour	Size	Barcode	UFI
BDMPROWH	White	EU3	5056437400369	Not required

Part of the Bond It Pro Hybrid Sealant & Adhesive Range

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Note: *The data presented in this leaflet is in accordance with the present state of our knowledge, but does not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.*

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UKAS MANAGEMENT SYSTEMS 0026
Certificate Number 6152
ISO 9001
ISO 14001
ISO 45001

Version 3: Updated 05/08/20
Supercedes: V2 07/07/17

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