

TECHNICAL DATA SHEET

APEL MG740 MIRROR AND GLASS ADHESIVE

1. PRODUCT DESCRIPTION

Trade Name: Apel Mg740 Mirror And Glass Adhesive

Product Description: Moisture curing, silane-terminated polymer based adhesive. The product can be used in construction and in various assembly works and applications.

2. TECHNICAL DATA

Base: One component moisture curing silane-terminated polymer

Colour: Transparent

Density @25°C: 1,04±0,03 g/cm³

Tack-Free Time (@25°C, 50% humidity): 8-10 min.

Shore hardness (DIN 53505): 40±5 Shore A

Curing rate (@25°C, 50% humidity): 7±1 mm/24h

Solubility in water: Not soluble

Applied Temperature: +5 °C to +40°C

3. APPLICATIONS

It is suitable for use in construction and repair applications where a permanent strong bond is required between porous-porous and porous-nonporous surfaces. It can be used for flooring and lamination, bonding of facade sandwich elements, glass bonding in furniture and window display, filling and sealing applications where odorless curing is desired and in-door applications.

4. INSTRUCTIONS

Clean application place (dry and free of grease and dust).

The application temperature should be between +5°C and +40°C.

Polyolefins like PE, PP etc ... can not be bonded without pre-treatment such as plasma or korona method.

The adhesive must be applied one-sidedly, and after the surfaces are joined, they should be pressed until their functional strength is obtained, the overflowing parts should be cleaned up quickly.

The bonded parts should only be painted after the adhesive has totally hardened; bubble formation can be observed when painting is applied before curing.

TECHNICAL DATA SHEET

APEL MG740 MIRROR AND GLASS ADHESIVE

Adhesions with different length expansions should be evaluated in terms of storage time behavior, especially in the case of loading in various temperature application zones.

Due to the difficult identification of aluminum surfaces and their qualities, the supplier should be well informed in order to be able to perform the best preliminary work for the planned bonding.

For the usage, insert cartridge in gun then cut to open cartridge screw nozzle on cartridge and cut of tip at desired angle.

The applied adhesive should be expected to cure for at least 24 hours depending on the thickness of the material.

5. PACKAGING

It is presented in 290 ml original cartridges.

6. STORAGE AND SHELF LIFE

Shelf life is 12 months after the production date if stored in its original package between 15°C to 25°C.

7. WARNINGS/ SAFETY PRECAUTIONS

Protect from sunlight and freezing .

Wear any liquid-tight rubber or vinyl gloves.

Consult Material Safety Data Sheet for further information.