

TECHNICAL DATASHEET

MM70 Ultra Strength Grab Adhesive

Description & Uses

AlphaChem MM70 is an ultra high strength, fully elastic, hybrid grab adhesive that is 4 times more powerful than a conventional hybrid, therefore eliminating the need mechanical support in most applications.

This high strength grab adhesive had been specifically formulated to provide a stronger and longer lasting bond, even on wet surfaces, in fact in all weather conditions. With numerous internal and external uses, superb adhesion qualities, rapid curing, non-shrink, solvent free and overpaintable (with water based paints only*), MM70 is the ultimate in new grab adhesive technology. Typical bond strength is 250Kg/m².

Suitable for use on numerous different substrates including metal, glass, wood, concrete, plasterboard, stone, and much, much more.

Available in: White, Cartridge and Foil

Benefits

- Can be applied to wet surfaces
- Weatherproof
- Solvent Free
- Quick Curing
- For interior and exterior use
- Remains full elastic

Application

- Ensure all surfaces are clean, sound and free from dust, grease, oil or other contaminants that could hinder adhesion.
- Cut thread and then attach the v-notched nozzle.
- Apply using an AlphaChem Professional Sealant Gun.
- Apply adhesive using the provided v-nozzle in vertical stripes with 10-20cm distance between the stripes. Press the surfaces firmly together carefully and allow to cure.
- Do not apply the adhesive in dots.
- Uncured adhesive can be removed using Cromar White Spirit. Cured material can only be mechanically removed. Hands can be cleaned with Grafters Wipes.
- It is the user's responsibility to dispose of all packaging correctly.



Storage

Store in cool, dry conditions between +5 and +25°C.

Shelf Life

24 months if stored in unopened, original packaging as directed.

Disposal of Containers

Do not leave empty containers in the reach of children, animals or the environment as any residue remaining could be harmful. Dispose of containers in accordance with local regulations.

Limitations

- If used on overhead applications always use in conjunction with mechanical fixings. For large and heavy items provide temporary support until fully cured.
- Not suitable for joints subject to permanent immersion in water, or surfaces that bleed oils or plasticisers.
- Not suitable for use on PP, PTFE, PE, PC, PMMA, soft plastics, neoprene and bituminous substrates.
- Not suitable for movement joints.
- *As quality and type of paint can vary always test a small inconspicuous area before full scale use.
- It is the user's responsibility to determine suitability for use.
- Read the label prior to use it contains essential health and safety information, further information can be found on the Safety Data Sheet available on request.

Technical Data

Curing Time	2-3mm / 24 hrs (@23°C / 50% RH)
100% Modulus	1,39 N/mm ² (DIN 53504 S2)
Application Rate	20 g/min (@ Ø2,5mm/6,3 bar)
Skin Formation	15mins @23°C / 50% RH (DBTM 10.00)
Hardness Shore A	55 (DIN53505)
Density	1.57 g/ml (ISO 1183-1)
Elongation at break	335% (DIN 53504 S2)
Flow	<2mm (ISO 7390)
Frost resistance during transportation	Up to -15°C
Tensile Strength	2.20 N/mm ²
Temperature Resistance	-40 to +90°C
Application Temperature	+5 to +40°C

Further Information:

In the event of further queries or problems concerning the use of this product, please contact the address below, e-mail info@cromar.uk.com.

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