



HYDRO GUM

Flexible Acrylic Waterproofing System

Description

Hydro Gum is a premixed flexible acrylic waterproofing membrane that can be applied directly from the container. Applied in a thick layer, it forms a waterproof, flexible film which adapts to the surface changes caused by tension or expansion.

Uses

- Waterproofing metal roofs, external walls of old buildings, gutters and asbestos roofs.
- Permissible substrate
 - Metal
 - Concrete and mortar
 - Steel and zinc
 - Timber
 - Plastic and asbestos sheets
 - Bituminous surfacing
 - Masonry or brick

Advantages

- Easy to apply.
- High polymer paste form.
- Mould and fungus resistant.
- Bridges cracks and remain flexible.
- Resistant to ultraviolet rays.
- Water based and non-toxic.
- Available in various colours.

Hydro Gum 3 Layer System

Hydro Gum 3 layer system forms a microporous membrane that waterproofs external surfaces from water seepage and protects it from deterioration due to carbonation, acid or chemical attack and any other type of environment pollution.

Technical Data

Thickness of membrane	0.6-0.8mm
Solid Content	>60% by weight
Elongation at Break	250% (ASTM D412:92)
Tensile Strength	> 2 N/mm ² (ASTM D412:92)
Adhesion Strength	> 0.5 N/mm ² (ASTM D4541:93)
Hardness Shore A	70 (ASTM D2240:91)
Crack Bridging	>2 mm (ASTM C836:89)
Water vapour transmission	34.28 g/m ² /24 hr (ASTM E96:94)
QUV Accelerated	No cracking
Weathering (1000 hours)	Grey Scale No 4
Drying Time	12 hours
Application Temperature	5° C to 40° C
Fire Resistance	
- Spread of flame index	Zero
- Smoke evolved index	4 (AS 1530 Part 3)

*Specifications are subject to change without notification.
Results shown are typical but reflect test procedures used.
Actual field performance will depend on installation methods
and site conditions.*

Technical Data

- All substrates to be waterproofed must be sound. Jet washing or mechanical abrading is recommended to increase adhesion if applied on existing surfaces.
- Ensure that the substrate is sound, clean and free from irregularities, sharp projections, loose particles, oil and contaminants.
- Old coatings which are stable and cannot be removed can remain.
- New concrete must be cured for at least 28 days, with sufficient falls provided to avoid ponding on the finished membrane surface.

Metal roof:

Preparation: Wire brushing or abrasive blasting Epoxy Primer WB Finishing with Hydro Gum: 2 coats

Timber surface :

Preparation: Dry and free from oil residue Epoxy Primer WB Finishing with Hydro Gum: 2 coats

Friable surface previously painted :

Preparation: Remove flaking paint and jet surface Epoxy Primer WB Finishing with Hydro Gum: 2 coats

Powdery paintwork / Brick surface / Existing Roof

Tiles :

Preparation: Jet washing

Primer: Epoxy Primer WB

Finishing with Hydro Gum : 2 coats

Joints :

Primer: Epoxy Primer WB

Finishing with Hydro Gum : 3 coats (with netting)

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■ Application

- Apply Epoxy Primer WB and allow to dry before applying 1st coat.
- Apply Hydro Gum membrane direct from the can. Apply 2nd coat after the 1st coat has dried.
- Apply 1 coat at a time, allowing interval of 4 to 8 hours between coats.

■ Coverage

Hydro Gum membrane - approx. 1.2-1.4 kg/m² for 2 coat at film (dry) thickness 0.6 mm - 0.7 mm

■ Packaging

25 kg and 5kg container

Hydro Gum is available in various colours -Standard colours - White -Other colours - Party recomondation

■ Shelf Life

Hydro Gum membrane has a shelf life of at least 12 months when in original unopened container and stored in cool dry place.

■ Clean Up

Clean all brushes, rollers, trays, buckets and surrounding areas with clean water before the product sets.

■ Health & Safety

In case of eye splashes or excessive skin contact, thoroughly flush with clean water. If ill effects occur, seek medical attention immediately.

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