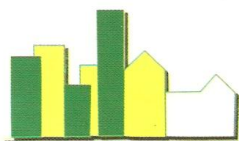




Certificate SG95/06111



THE SOLUTION

FLEXCOAT



2 IN 1

- as waterproofed
- as aesthetically appealing

ANACRYL

Flexible Acrylic Waterproofing System



● BRICK WALL

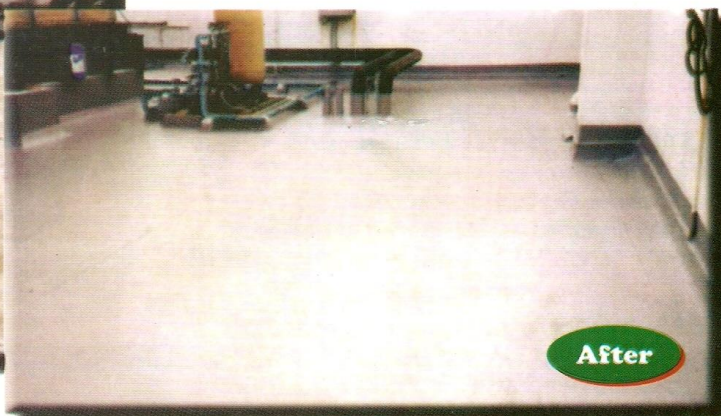


● METAL ROOF

- 100% Acrylic Resins
- Liquid elastomeric membrane
- High polymer paste form
- Bridge Cracks
- Withstand strong Ultra Violet rays
- Easy to Apply
- Water-based
- Non-Toxic
- Remains Flexible
- Coloured
- Mould Fungus Resistant



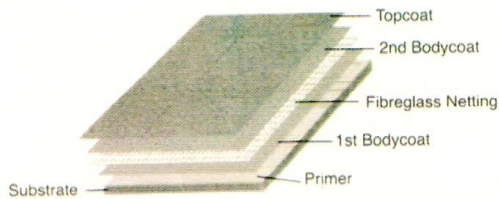
● BEFORE



After

For Roof Waterproofing

- Old and New Roof
- Refurbishment of old roofs
- Old Roof Tiles
- Metal roof and Asbestos Roof
- Concrete Roof Deck



DESCRIPTION

Anacryl membrane is designed as a 5-layer fabric reinforced waterproofing system for positive waterproofing of concrete flat roofs. Fabric reinforcements are incorporated to overcome unevenness of roof surface to build up waterproofing film and thickness, also used in areas of trafficking.

APPLICATION

Prime the surface with a layer of Anacryl Primer at a rate of approximately 10 m² per litre.

When the primer has dried, apply the first coat of Anacryl membrane at a rate of 2 m² per litre, and whilst it is still wet, roll out the Fibermesh or other approved reinforcing matt and press into the wet Anacryl. Allow to dry for at least 2 hours.

Apply the intermediate coat of Anacryl at a rate of 2 m² per litre to completely fill the fibermesh or reinforcing matt.

Apply the final Anacryl membrane to create a final total thickness of at least 1.5mm. Leave to cure overnight.



SUBSTRATE

The surface before waterproofing must be sound, clean and free from irregularities, sharp projections, loose particles, oil and contaminants. Old coatings which are stable and unable to 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.

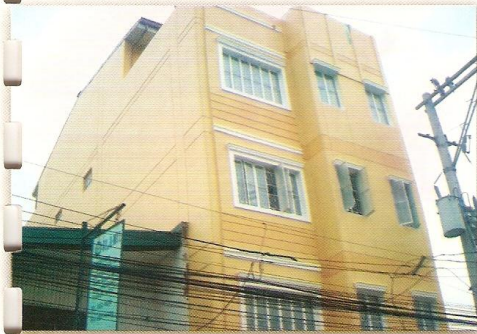


SUBSTRATE TYPES

Substrate	Preparation	Primer Coat/Sealer	Finishing with Anacryl
Concrete	Cured 28 days Acid etch or Light blasting	Anacryl Primer	5 layer (with matt)

Waterproofing-To Prevent External Water Seepage

- Concrete Roofs and Concrete gutters
- External walls of Old and New
- Metal Roofs and Metal gutters
- Roof Tiles



DESCRIPTION

A 2-coat Anacryl membrane application forms a microporous surface which is sufficient to protect external surface from water seepage and deterioration due to carbonation, acid or chemical attack or types of environment pollution.

APPLICATION

Apply Anacryl Primer (if required to do so, depending on the substrate conditions). Leave the primer to dry.

Apply 1st coat Anacryl membrane direct from the can.

Apply the 2nd coat Anacryl membrane after the 1st coat has dried.

Apply one coat at a time. The interval between coat is between 4 to 8 hours. The application rate for each coat is 2 m² per litre.

SUBSTRATE

All surface to be waterproofed must be sound. Jet washing or Mechanical abrading is recommended to increase adhesion if applied on existing surfaces.

Old coating or paintworks which are stable and cannot be removed can remain.



SUBSTRATE TYPES

Substrate	Preparation	Primer Coat/Sealer	Finishing with Anacryl
Metal roof	Wire brushing or Abrasive Blasting	Anti-rust Primer or Anacryl Primer	2 coats
Timber Surface	Dry and free from oil residue	Not required	2 coats
Friable surface Previously Painted	Remove flaking paint and Jet Washing	Not required	2 coats
Powdery Paintwork	Jet Washing	Anacryl Primer	2 coats
Brick surface	Jet Washing	Not required	2 coats
Asphalt/Bitumen	Non-tacky surface	Anacryl Primer	2 coats or more
Existing Roof Tiles	Washing/Cleaning	Not required	2 coats
Joints			2 coats (with matt)

TECHNICAL DATA

Properties	Results	Test Standards
Thickness of membrane For roof 5 layered system For wall 2 coats	1.5mm 1.2mm	-
Viscosity@25°C	> 16,000 cps	-
Flash Point	-	-
Solid Content	> 60% by weight > 48% by volume	-
Elongation at Break	246%	ASTM D412:92
Tensile Strength	2.3N/mm ²	ASTM D412:92
Adhesion Strength	> 0.5 N/mm ²	ASTM D4541:93
Hardness Shore A	70	ASTM D2240:91
Crack Bridging	More than 2mm	ASTM C836:89
Crack Bridging (after 10 cycles Of weathering closing to a width of 1mm	Passed	ASTM C836:89
Water vapour transmission	34.28 g/m ² /24hr	ASTM E96:94
QUV Accelerated	No cracking	ASTM G53:93
Weathering (1000 hours)	Grey Scale No 5	
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

APPLICATION TECHNIQUES

Generally, Anacryl membrane is applied using a brush or a roller. Due to the elastomeric quality of Anacryl, it is not possible to get a flat level finish and brush or roller marks are common. Apply neatly in one direction.

PACKAGING

Anacryl membrane is a premixed waterproofing membrane stored in a pail. Apply directly from the same pail. Close the lid tightly for the next application.

Anacryl membrane is available in 20 litres and 5 litres pail.

- Standard colours-White & Grey
- Other colours-refer to color chart

Anacryl Primer is supplied separately in 20 litres pail & 5 litres pail.

SHELF LIFE

Anacryl membrane has a shelf life of at least 12 months stored in original unopened container in a cool dry place.

CLEANING

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

COVERAGE

Anacryl membrane-approx. 40m² per 20 ltrs pail for 1 coat.

HEALTH & SAFETY

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

Disclaimer: The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usages.
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GLOSCORE PHILIPPINES, INC.
Rm. 206 Liwag Building, 1258 Batangas Street,
Makati City • Tel. Nos.: (632) 893-0028 • 888-0643 to 44
Telefax (632) 893-0031 • E-mail: glosphil@edsamail.com.ph

ANACRYL**Liquid Elastomeric Waterproofing Membrane**

It is single component water based liquid applied membrane inhibiting high flexibility and tensile properties on large roof wall areas. It can accommodate movement caused by extreme temperature changes and protect surface deterioration due to carbonation, acid or chemical attack or types of environmental pollution. It is used for both new and old roofing like metal, steel panels galvanized roof, clay roof tiles, timber surface, concrete and masonry surfaces.