

FLEXIBLE ACRYLIC WATERPROOFING SYSTEM

DAVCO

DESCRIPTION

Davco K10 Sovacryl is a acrylic Waterproofing Compound for Metal/AC roofing Sheets, Terraces and Roofs. 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.

Davco K10 Sovacryl - 3 Layer System

Davco K10 Sovacryl 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	
Solar direct Reflectance	0.80 (ASTM E1980-11)	
Emissivity	0.929 (ASTM E1980-11)	
Solar Reflectance Index (ASTM E1980-11)		
Low wind	Medium wind	High wind
101	101	101

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.



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SURFACE PREPARATION

- 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
Primer: 162 Flowprime
Finishing with Davco K10 Sovacryl: 2 coats

Timber surface :

Preparation: Dry and free from oil residue
Primer: 162 Flowprime
Finishing with Davco K10 Sovacryl: 2 coats

Friable surface previously painted :

Preparation: Remove flaking paint and jet surface
Primer: 162 Flowprime
Finishing with Davco K10 Sovacryl: 2 coats

Powdery paintwork / Brick surface / Existing Roof Tiles :

Preparation: Jet washing
Primer: 162 Flowprime
Finishing with Davco K10 Sovacryl: 2 coats

Joints :

Primer: 162 Flowprime
Finishing with Davco K10 Sovacryl: 3 coats (with netting)

APPLICATION

- Apply 162 Flowprime and allow to dry before applying 1st coat.
- Apply Davco K10 Sovacryl 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

Davco K10 Sovacryl 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

Davco K10 Sovacryl is available in various colours
-Standard colours - White & Grey
-Other colours - Refer to colour chart

SHELF LIFE

Davco K10 Sovacryl 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.

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 usage. All workmanship must be carried out in accordance with ParexGroup's specific instructions.

The information contained herein is to the best of our knowledge true and accurate. No warranty is implied or given as to its completeness or accuracy in describing the performance or suitability of the product for a particular application. Users are asked to check that the literature in their possession is the latest issue.

