

TECHNICAL DATASHEET

Hydrosil Heavy Duty Reinforcement Roll

Description & Uses

Hydrosil Reinforcement Roll is a heavy-duty stitch bonded high performance fabric for use in cold applied restoration roofing and roof maintenance systems. It comes with lay lines for one and two ply roof systems. It is ideal as the reinforcing component in cold process roofing and repair with water-based asphalt emulsion, acrylic coating, solvent type coatings, or mastics.

Tear strength, puncture resistance, and tensile strength combined with elongation Hydrosil Reinforcement Roll has been shown in tests with asphalt emulsion and cutbacks to be far superior to conventional roofing felts weighing five to seven times as much. Hydrosil Reinforcement Roll is a polyester that will readily conform to irregular surfaces and standing seam metal roof decks. It is also much easier to handle and apply properly than other soft polyester sheets.

Hydrosil Reinforcement Roll is designed specifically for use with the Hydrosil Silicone Roof Coating system.

Preparation

For use with Hydrosil Seam Sealer and Detailer – follow Hydrosil application guide for preparation guide.

Application Instructions:

1. **Blisters/Splits:** Large splits/blisters are required to be repaired use HydroSil Heavy Duty Reinforcement roll fabric with HydroSil Seam Sealer and Detailer Seam Sealer at 1.5 - 2 mm thick in a three-course fashion and spread to 5 cm to 10 cm beyond the splits/blister's areas.
2. **Membrane Repair:** Thoroughly inspect the roof substrates for defects (holes and openings). For repairs over 3 mm wide, use HydroSil Heavy Duty Reinforcement roll fabric with HydroSil Seam Sealer and Detailer Seam Sealer at 1.5 cm thick in a three-course fashion and spread to 5 cm to 10 cm beyond the repaired areas.

Cleanup

Hydrosil Reinforcement Roll is a dry fabric and as such only picking up of pieces and left-over material is needed.



Storage

Store in cool, dry conditions.

Limitations

- Use gloves and other protective clothing when working with this material.
- It is the user's responsibility to ensure suitability for use.

Technical Data

Bursting strength (lbs)	177 (ASTM D3786)
Tensile strength (lbs)	57.1 (ASTM D1682)
Tear strength (psi)	16.1 (ASTM D1117)
Elongation (%)	62 (ASTM D1682)
Conformability	Excellent
Ease of Saturation	Excellent

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.

All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Cromar Building Products Limited products' are available for sale in accordance with Cromar Building Products Limited standard conditions of sale, which is available upon request. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.