



Quality Products since 1994

ROOFSHIELD

ELASTOMERIC WATERPROOFING COMPOUND

DESCRIPTION

ROOFSHEILD is a cold applied liquid specially formulated with styrene butadiene styrene polymer (SBS), tackifying agents, fillers, minerals, stabilizers and UV resistant additives. ROOFSHEILD when dried will form a tough and elastic membrane.

ADVANTAGES

- Cold applied and easy to apply
- Excellent adhesion to vertical and horizontal surfaces
- Single component
- Asbestos free
- Prevents sulphate & chloride attach on concrete

USES

ROOFSHEILD is designed for use as seamless waterproofing membrane for concrete, masonry, wood and metal. It is used for waterproofing roofs, bathrooms, basements, bridges and metal decks and as a UV resistant coating for several purposes. It is also used as protective coating over sprayed polyurethane foam.

APPLICATION INSTRUCTIONS

All surfaces should be prepared well and free from loose dirt, oil and grease. Apply a full coat of roofsheild. Apply a second coat when first coat is dry. Roofsheild can be applied by brush/roller or squeegee. For excellent performance it is recommended to use glass fiber/polyester reinforcement mat in between the two coats. The mat should be pressed onto the first coat while it is still wet. Curing time will depend on the coating thickness, climatic conditions etc. Please ensure the coating is fully cured before exposure to rainfall and water. If necessary use Bitukote Bitumen Primer as prime coat.

TECHNICAL DATA

Property	Test Method	Typical values
Colour	-	Black
Specific gravity	ASTM D 70	1.05 – 1.15
Touch dry	-	4 hours
Curing time	-	24 hours minimum
Solid content	ASTM D 4479	50-60 %
Cold flexibility @ 0°C	ASTM D 4479	No cracking
Resistance to water	-	Excellent
Elongation of cured film	ASTM D 2370	300 %

STORAGE & PACKING

ROOFSHEILD should be stored in moderate temperature (10 to 35°C) and has a storage life of one year in closed containers. Available in 20 Kg pails.

HEALTH & SAFETY

ROOFSHIELD is solvent based and gives out inflammable vapour which may have narcotic effects if inhaled or absorbed through skin. Use protective clothing, gloves, masks, goggles etc. In the event of accidental splashes, flush eyes with fresh water immediately and obtain medical advice.



Certified Manufacturer