Keratrade

SMP clear adhesive primer

SHEET MEMBRANE PRIMER

A high-performance, sprayable contact adhesive primer designed for use with Optiseal Sheet Membrane and various other materials.

TDS
TECHNICAL DATA SHEET



Uses: ***Internal / External***
Foot Traffic: ***12 Hrs***
Work time: ***30min***
Tack time: ***15min***
Full Use: ***24 Hrs***
Coverage: ***200m² nap roller***
Size: ***20KG***

Keratrade SMP is a high-performance, sprayable contact adhesive primer designed for use with Optiseal Sheet Membrane and various other materials. It offers superior adhesion to hard-to-stick substrates, including decorative plastic laminates (e.g., Formica®, Laminex®), timber, timber composites, cementitious composites, metals (ferrous and non-ferrous), and polyurethane foam. Ideal for use in boat and automotive interiors, Keratrade SMP provides strong, durable bonds for Optiseal Sheet Membrane, laminating, and upholstery trimming.

KEY FEATURES:
- N-Hexane solvent safe
- Quick-drying
- High heat resistance (up to 100°C)
- Excellent early green strength

COVERAGE:
Up to 10m² per litre on a single surface.

APPLICATION INSTRUCTIONS:
1.SURFACE PREPARATION:
- Ensure surfaces are clean, dry, and free from contaminants.
- Clean unpainted metals and rubbers with Acetone before application.
- Clean painted and plastic surfaces with isopropanol.

2.APPLICATION METHOD:
- Apply Keratrade SMP using spray equipment (suction feed or pressure pot).
- Ensure an even coating on both surfaces, covering at least 80% of each surface and 100% coverage on edges to be post-formed.
- For highly porous or absorbent surfaces, apply two coats, allowing the first coat to tack off before applying the second.
- Allow the adhesive to dry for 10-15 minutes or until the surface can be touched without adhesive transfer.
- Once dry, align and press surfaces together, using a minimum pressure of 280 kPa (40 psi) for optimal bonding strength. A hand roller or nip rollers are recommended for large areas.

3.BONDING TIME:
- For best results, bond within 20 minutes of adhesive application.
- If more time has passed, reapply a light spray coat to re-activate the adhesive.

HEADLINER APPLICATION:
- Apply a minimum of 80% adhesive coverage to both the fabric and headliner.
- Ensure areas like handholds and sun visors receive 100% coverage.
- Apply adhesive in multiple coats to prevent excessive fabric soaking, which could lead to dimpling or a weak bond.
- Allow each coat to dry for at least 10 minutes before proceeding.

PRESSING:
- A minimum pressure of 40 psi (276 kPa) is required for a strong bond.
- For re-trim applications, hand rollers (used in cabinet making) are an effective alternative.

CURING:
- Allow the adhesive to cure for at least seven days before exposing the bonded materials to high temperatures.

LIMITATIONS:
- Not suitable for bonding copper, highly reactive metals, expanded polystyrene foam, polyethylene, or polypropylene plastics.
- Not recommended for unbacked PVC, leather, or vinyl (may cause staining on light-coloured PVC/Vinyl).

PERFORMANCE DATA:
Type: Polychloroprene rubber/resin
Colour: Clear
Open Time: Approx. 30 minutes at 20°C
Water Resistance: Good, but not for continuous immersion
Solids Content: Approx. 18%
Viscosity: Approx. 310 cps
Tack-up Time: 10-15 minutes at 20°C
Solvent Resistance: Good to oil and petrol, but not for immersion
Service Temperature Range: -40°C to +100°C

STORAGE & SHELF LIFE:
- Store in a cool, dry place, away from direct sunlight and ignition sources.
- Shelf life is up to 12 months when stored in unopened containers at temperatures between 5°C and 20°C.

HEALTH & SAFETY INFORMATION:
For full safety and handling instructions, refer to the Safety Data Sheet (SDS). Always test compatibility and adhesion strength before commercial use.

This format includes all relevant technical specifications and instructions in a clear and professional layout for your product.

Item Code: SMP-20KG

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Store the product securely, and check with your local council regarding the disposal of contents. Dispose of packaging thoughtfully and recycle where possible. Keep out of reach of children. If you feel unwell, consult a doctor. For more information, refer to the Safety Data Sheet (SDS) available at www.buildgreen.au
GUARANTEE
BuildGreen guarantees that Keratrade Products are free from manufacturing defects and will meet any applicable specifications published by us for a period of 10 years from the date of purchase. Refer to the BuildGreen Guarantee.
DISCLAIMER
The technical details and recommendations are provided based on the best knowledge at the time. It is the user's responsibility to ensure the correct use and handling of the products in line with applicable Australian Standards. Users should verify that the product is appropriate for their specific applications and meets system specifications. We reserve the right to change information without prior notice as part of ongoing research and development.