



Gilt Edge Industries Ltd®

TECHNICAL DATA SHEET

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ROBERTS MEDI-SEAL PLUS

PRODUCT DESCRIPTION:

Roberts Medi-Seal Plus is water based modified acrylic compound, with a white milky appearance, primarily used for sealing concrete and other cementitious substrates, *however it can be used on Strandfloor, and some other suitable composite timber substrates based upon specific installation procedures.** It cures to form a clear and impervious film, however it should be noted that Medi-Seal Plus is not a waterproofing membrane and should not be used where Hydrostatic pressure is present.

Roberts Medi-Seal Plus is intended for use under broadloom carpet and carpet tiles in dry areas only to protect subfloors from contamination. Contact Gilt Edge for technical advice on Wet Rooms Systems Specifications.

ADVANTAGES:

- Displays excellent long-term resistance to urine, water, blood, most common chemicals. Complies with ASTM D1308-87 for the resistance to urine.
- Removes the need for costly shot blasting of slab to remove soaked in substances, when replacing soiled or unwanted floorcoverings.
- Easy to apply with excellent spread rates of approximately 15m²per litre on cementitious substrates however will be less on some other substrates dependent upon substrate porosity.
- Increases adhesive bond strength and spread rates.
- Eliminates need for costly, two pack sealers on many substrates.

APPLICATION:

All surfaces to be bonded to should be absorbent, dry, smooth, sound and clean. Subfloors should be free from wax, grease, paints, previously used adhesive, hydrostatic pressure, polishes, PVC base membranes, laitance (being the dusty unstable topping of poorly or insufficiently cured concrete) and any other impurities or contaminants that may affect adhesion. The minimum subfloor temperature before commencing installation should be 10oC. All concrete and timber substrate floors should be tested for moisture content in according to the relevant NZBC and Manufacturers Standards prior to installation.

NOTE - Subfloors must be absorbent/ porous surface to ensure that the sealer can key into the substrate satisfactorily. Subfloors must be mechanically prepared by way of grinding, shot blasting, or sanding to achieve a roughened, absorbent/ porous surface that the sealer can key into satisfactorily. Any previous coatings or curing compounds must be removed as substrate must be porous. It is recommended a test area be carried out on the surface that has been prepared to ensure suitable floor preparation has occurred and adhesion of the **Roberts Medi-Seal Plus** to the substrate is acceptable.

Apply two coats of **Roberts Medi-Seal Plus** with a spray unit, roller, or brush, allowing a minimum of five hours between coats. Allow to dry for a minimum of 24 hours to the appearance of a dry clear film. Do not allow any traffic on sealer for minimum 24 hours. Care and consideration should be taken to ensure sealant coating is not damaged or contaminated during this time. Sealant film is not to be penetrated or its integrity compromised at any time.

NB: Subsequent adhesive application to be applied after a minimum of 24 hours from final coat of **Roberts Medi-Seal Plus**.

APPLICATION TIMBER:

SANDING - Ensure floor panels are dry, at or below 15% moisture content. Punch nails just prior to sanding. Carefully sand the entire floor area with a 100 Grit paper to remove the Strandfloor smooth protective layer and create porosity of the surface. Remove dust from the entire floor surface and skirtings by broom and vacuum cleaner.

Strandfloor or other suitable approved composite timber substrates **MUST BE PRIMED** using **Polymer 6000 Co-Polymer Acrylic Primer** to the absorbent substrate prior to the application of **Roberts Medi-Seal Plus**. Coverage is approximately 8 - 10 square metres per litre depending upon the condition and absorbency of the substrate and the type of applicator used.

Apply **Polymer 6000** with a spray unit, roller, or brush. Allow approximately 20 minutes to fully cure dry and become clear prior to **Roberts Medi-Seal Plus** application. Apply as described above.

**Contact Gilt Edge for technical advice on Strandfloor, and other suitable composite timber substrates for suitability and project specific installation procedures.*

RECOMMENDED ADHESIVES:

PVC Backed Carpet Tiles:

Polymer 999 Pressure Sensitive Adhesive

Hessian, Woven and Action Bac Broadloom Carpets:

Roberts 80/Roberts 80 Green or Polymer 227 Wet Stick Carpet Adhesives

Carpet Seam Sealer:

Roberts 5216 Seam Sealer

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