



2 April 2005

Specification for Conventional and Direct or Double Stick Installation in Health Facilities

General

1.1 SCOPE OF WORK

This specification covers the preparation and the fitting and installation of direct stick carpet and double stick carpet and underlay to floors.

1.2 DOCUMENTS REFEREED TO

Documents referred to in this section are: The New Zealand Carpet Manufacturers' Association Condition of Warranty and installation guide.

Polymer Engineering Double Bond Adhesive System – July 1999

Polymer Engineering Direct Stick Adhesive System – July 1999

Gilt Edge Underlay Data sheets

Polymer Adhesive Data Sheets

Bostik Adhesive Data Sheets

Bostik Ultralevel Data Sheets

Documents listed above and cited in the clauses that follow are part of this specification. However this specification takes precedence in the event of it being at variance with the cited document.

Related Documents

BRANZ Bulletin 360: Floor Levelling Compounds.

AS/NZS 2455.2 – “Textile Floor Coverings Laying Practice

1.3 MANUFACTURER'S DOCUMENTS

Manufacturer's and suppliers documents relating to work in this section are:

Gilt Edge Polymer and Roberts Engineering adhesive data sheets

Gilt Edge Bostik Gilt Grip Adhesive

Gilt Edge Industries Underlay data sheets/specifications

Gilt Edge Ultralevel Floor Preparation Compounds

Copies of the above literature are available by phoning Gilt Edge on 03 3797067

1.4 SAMPLES

On request.

1.5 QUALIFICATIONS

Use only competent, experienced layers familiar with the New Zealand Carpet Manufacturer's Association (NZCMA) instructions, for the specified, carpet installation.

1.6 WARRANTY

Supply warranties for materials supplied including:

RLA Polymers underlay 5 year warranty

Polymer Adhesives 5 year warranty

Bostik 10 year warranty – on confirmed application only

The commercial date for guarantees is the practical completion of the contract.

2 PRODUCTS

Materials

2.1 ADHESIVE & SEALERS

The appropriate adhesives to suit the type of installation should be selected from the following list. Advice as to the correct selection based on specific criteria can be obtained from Gilt Edge Industries Ltd; and from the specific Polymer and Roberts Adhesive Data Sheets.

Polymer Clearseal W – clear chemical, water, urine resistant concrete sealer

Polymer 6000 – absorbent surface primer

Polymer 999 – PS acrylic peelable adhesive

Roberts 82 **SOLVENT FREE** - Hi tack carpet adhesive

Polymer 5216 – Carpet seam sealer

Bostik WB Primer

Bostik Direct and Double Stick

Bostik Pressure Sensitive

(For moisture proofing systems contact Gilt Edge Industries)

2.2 UNDERLAY

1) Double Stick Foam Slab Underlay

i) Gilt Edge Simlay 4.7mm 1.83x10mtr Textron Paper/Cerex

ii) Gilt Edge Super Slab 4.7mm 1.83x10mtr Woven Polypropylene/Polyester Scrim

Contact Gilt Edge for 6.5mm and 8mm Underlay.

2) Hi Life Foam Cushion (Conventional Lay)

- i) **8mm Gilt Standard:** 15 metre rolls 1.830mm wide (7.5 b/loom) @ 8mm x 75/80 kg m³ clear laminate backing.
- ii) **10mm Gilt Luxury:** 15 mtr rolls 1.830mm wide (7.5b/loom) @10mm x 115kg m³.

2.3 CARPET

Hessian/Action Bac/Woven.

2.4 COMPONENTS

Other Installation Specified Products. NZ Strip/Golden Grip Heat Bond Tape/Gilt Grip Fixing Bars.

2.4 STAIRNOSINGS

Ferodo/Gradus
C/o Gilt Edge Industries

3 INSTALLATION

All subfloor surfaces shall be prepared in accordance with Australian Standard AS/NZS 2455.2 – “Textile Floor Coverings Laying Practice”

3.1 APPLICATION OF PRIMERS & SEALERS

For highly porous floors, or floors where a floor levelling compound has been used; use **Polymer 6000 or Bostik WB Primer** Floor & Wall Primer is to improve holdout, increase bond strength, and help prevent bubbling. It should be applied evenly over the entire floor by brush, roller or spray, at a rate of 8-10m²/L and allowed to dry clear before adhesive application.

Where high resistance to chemicals, oil, or petrol, or resistance to urine and blood is required **Polymer Clearseal W** should be used. Application should be by means of damp mop, roller or brush. Two even coats are required at the rate of 12-15m²/L dependant on floor surface condition. Complete drying is required between coats, and prior to adhesive application.

3.2 ADHESION OF DOUBLE-STICK UNDERLAY TO FLOOR (where applicable)

Adhere underlay to floor with **Polymer 999** or **Bostik Pressure Sensitive** acrylic adhesive at the rate of 8.0m²/L using spray, roller or trowel (0.5mm notch). (If spraying; take care to mask up all exposed linings and windows).

Polymer 999 is waterproof, and resistant to chemicals and contaminants. It provides repeatability of the carpet/underlay system at a later date.

3.3 ADHESION OF CARPET – DIRECT STICK OR DOUBLESTICK

To bond Axminster to Underlay **Roberts 82 Solvent Free** or **Bostik Direct and Double Hi-tack** carpet adhesive must be used.

Trowel Size – use 2.5 – 3.0mm notched trowel, coverage 3m²/L approx.

Apply adhesive directly to substrate and drop carpet into wet adhesive. Carpet may require a tack up time prior to laying, due to higher application rates, and lower absorption of the product.

All products should be rolled, once the adhesive has started to tack up.

3.4 SEAM SEALING

All carpet seams are to be seam sealed using **Roberts 5216**.

Apply a 2-3mm bead of Roberts 5216 to the subfloor, or double bond underlay, along the length of the seam, using a Seam Adhesive applicator

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