

INSTALLATION OF ECOWORX PERFORMANCE BROADLOOM

INSTALLATION GUIDELINES

THE FOLLOWING INSTRUCTIONS SHOULD BE REVIEWED PRIOR TO INSTALLATION. AS WELL AS MEETING THE REQUIREMENTS OF AS/NZS2455.1:2007 PART 1 THE INSTRUCTIONS BELOW MUST BE FOLLOWED. FAILURE TO FOLLOW THESE GUIDELINES CAN RESULT IN VOIDING CARPET WARRANTY.

SHAW INDUSTRIES WILL NOT BE RESPONSIBLE FOR IMPROPER INSTALLATION.

NOTICE: LOOK BEFORE YOU CUT.....
Contact your Sales Representative or Shaw Contract Group Australia if a visible manufacturing defect exists. If such a defect is installed, Shaw is not liable for the installation.

SITE TESTING AND CONDITIONING

Maintain the temperature of the installation site, carpet, and adhesive between a minimum temperature of 18° C and a maximum temperature of 35° C for 24 hours before installation. Do not begin the installation if the room or subfloor temperature is below 18° C. The adhesive will not function properly when applied over an extremely cold surface. Relative humidity should not exceed 65%. Maintain these conditions for 24 hours prior to, during and 24 hours after installation.

Test the concrete for alkalinity prior to beginning the installation. Check the concrete for surface pH at several locations. A reading below 5.0 or above 9.0 requires corrective measures. Specific information on the correct method of neutralizing low or high pH is available from Shaw.

The moisture requirements specified in AS/NZS2455.1:2007 Part 1 must be met and checked in the manner specified in the standards quoted.

Shaw will not be responsible for any moisture related installation failures if these guidelines are not strictly followed.

FLOOR PREPARATION

The requirements of AS/NZS2455.1:2007 Part 1 must be met. The floor must be dry, free of dust, dirt, oil, grease, paint, wax, or any debris that could affect adhesion of the carpet modules to the floor.

Do not use sweeping compounds as they may leave oily deposits. The floor must be level and smooth. Depressions and cracks must be filled with a liquid latex additive patching compound and all protrusions levelled.

NOTE: DO NOT SAND OR SCRAPE VINYL ASBESTOS TILE (VAT) WITHOUT PROPER ATTENTION TO ABATEMENT PROCEDURES AND PRECAUTIONS. WITH THE REMOVAL OF

ANY ASBESTOS PRODUCTS THE FULL REQUIREMENTS OF THE RELEVANT FEDERAL AND STATE LEGISLATION MUST BE MET.

Concrete floors must be sealed if dusting or powdering exists. The floor sealer used must be that recommended by the relevant adhesive manufacturer and used in the manner that they specify.

As always, manufacturers are subject to change their formulations. Please refer to all manufacturers' suggested use and precautions.

CAUTION: CUTBACK ASPHALTIC ADHESIVE OR ANY OTHER NON-APPROVED ADHESIVES MUST NEVER BE ALLOWED TO COME INTO CONTACT WITH SHAW CARPET MODULES OR ADHESIVES. INSTALLATION FAILURE COULD RESULT.

ADHESIVE REQUIREMENTS & APPLICATION

Use of **Shaw 3600** is required, applied with a "V2" notch trowel as per manufacturer's instructions. **(Contact Shaw Contract Group Australia for purchase on 1800 556 302)**

Due to the high solids content of this adhesive a reduced set uptime can be expected. Adhesive open time will vary depending on the temperature and humidity at the job site. The adhesive is ready for carpet installation when the entire ridge of glue becomes tacky. This can be checked by firmly placing a finger into the adhesive and lifting slowly. The glue should have legs or strings and not wet at the floor surface to ensure a full transfer of adhesive. Fans or air movers will reduce open time.

Inadequate adhesive application or set up time may result in bubbles and/or peaked seams and repair will require more time and effort than proper initial installation.

SITE LAYOUT

Dry lay the entire area to be carpeted. Implement roll sequencing prior to cutting any textured, graphic product. Dry laying will minimize the normal variations encountered when pattern matching and reveal any bow or skew within the roll. Roll numbers are the first method for sequencing unless pattern sequences are provided on the roll tag / label or bills of lading. If the roll information has been removed prior to the carpet arriving to the job site, the date and time is backstamped (in military time) on the carpet to assist in sequencing.

CUTTING AND SEAMING

Caution: Seam edges **must** be tipped with a "60% latex" raw edge sealer to prevent edge ravel, tuft loss in the seamed area.

Seam edges shall be trimmed using tools and techniques best suited for the carpet. Trim edges far enough into the material, normally about 8-10 rows, to maintain the structural integrity of the carpet. The cutting techniques for non-patterned products on this backing system are row cut both edges, row cut, trace cut or double cut with a glass cutter by row cutting the top piece of carpet. Start matching patterns in the centre of the seam. Correct pattern matching, gaps and overlaid areas with use of knee kicker, power stretcher, deadman, Roberts 10-117 mini stretcher and stay nails.

Patterned carpet must be cut by the row/cut/row cut method and dry laid to ensure pattern match, also check for sidematch and any visual defects.

Use a screwdriver or awl to separate rows of yarn and cut with a cushion back or loop pile cutter. After adhesive has become tacky, place the first drop into the adhesive and apply seam sealer as outlined below. Place a second breadth into adhesive and match pattern in centre of seam. Use of a power

stretcher, deadman, Roberts mini stretcher and stay nails may be required to obtain proper match. Remove stay nails after adhesive set up – approximately 12-24 hours after installation.

Cross seams can be made the same as side seams if the rows can be run across the width. If not, cut both sides of the carpeting on pattern and proceed to pattern match the seam.

SEAM SEALING

To ensure an impermeable moisture barrier is achieved the use of **Shaw Seamlock N8300** moisture impervious seam sealer, is required on all seams and ends.

If protection against corner or wall spillages is required then the same Seam Sealing Adhesive must be used at the perimeter of the room.

Please refer to manufacturer's instructions for correct use of the Seam Sealing Adhesive.

STEAMING

In order to alleviate bubbles, creases, pile distortion and crushing, it is advised to steam the carpet. Successful steaming is dependent on an adequate application of adhesive.

Shaw recommends the use of a wallpaper steamer that has a 300mm (12") plastic head. Wallpaper steamers can be obtained through any local hardware store and can also be rented for a minimal charge. A white cotton cloth should be placed under the head of the steamer to protect the carpet fibre. Placing the steamer on the affected area for approximately 45 seconds – 1 minute will allow the carpet backing to become more pliable and reactivate the adhesive in order to manipulate and align the patterned carpet. When the carpet is properly aligned, the affected area should be rolled with the use of a carpet tractor to create a bond between the carpet backing and adhesive.

Note: If the steamer is left for a prolonged period of time on the carpeting, it could potentially cause the carpet fibre to appear darker in colouration. As the carpet dries and the moisture dissipates the carpet will regain its original colouration.

TRANSITIONS

Where carpet meets other floor coverings, the edges must be adequately protected with an appropriate transition moulding or strip that covers the carpet edge at least 12mm (1/2")

GENERAL COMMENTS

This backing should be rolled widthwise and then lengthwise with a 34-45 kg (75-100lb) roller to assure transfer of the adhesive between the floor and carpet backing.

POST INSTALLATION CARE AND PROTECTION

1. Use plywood over the carpet when heavy objects are moved within 24 hours after installation.
2. Protective chair mats should be used under chairs with casters are recommended. This will prevent excessive wear to the face and possible transfer of the pressure sensitive adhesive to the back of the carpet.
3. A non-staining building material paper must be placed over the carpet to protect it when additional construction activity is to take place that would soil or stain it. **Do not use plastic sheeting as it will trap moisture.**
4. Use of a side light is advised to determine if bubbles or creasing exist. Note – see steaming directions for the correction of bubbles or creases.

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The installation and protection procedures are intended to assist in the installation and care of Shaw Contract Carpet under most job conditions. Specific questions regarding installation and maintenance not covered within should be referred to Shaw via the contact points listed below. Any variance from these procedures will become the responsibility of the installer and not the manufacturer.

TECHNICAL BULLETINS

Shaw Technical Bulletins are updated as new information becomes available. To determine if this represents the most current information check our website www.shawcontractgroup.com.au

CONTACT DETAILS:

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