

DIRECT GLUE DOWN

INSTALLATION BULLETIN

These are general recommendations. Specific instructions should be obtained from the carpet manufacturer.

SITE CONDITIONS AND SUBSTRATE PREPARATION

See Installation Bulletin WFT-1001 (rev. 02/02/04) Site Conditions and Floor Preparation for full instructions.

Check floor for moisture and alkalinity. The floor must be free of dust, oils, alkali, paint, grease, or other foreign matter. Check entire floor and secure loose tiles, boards, etc. Cracks 1/8" or more, holes, and unevenness must be filled with a compatible polymer modified cementitious floor patching compound. Surfaces should be vacuumed and thoroughly cleaned before application of the adhesive.

Carpet and adhesive must be stored at a minimum temperature of 65°F for at least 72 hours prior to installation. Carpet should be spread in the room 24 hours prior to actual installation, with room temperature between 65°F and 95°F. Building must be heated at a minimum of 65°F for at least 72 hours prior to installation with the relative humidity not more than 65%. The temperature should be consistently maintained at that level during the installation and for at least 72 hours after completion of installation.

LAYOUT

The carpet should be cut to the proper length and spread out in the area where it is to be installed. The carpet should be cut 3 to 4 inches longer than area measurements. Allow for any pattern repeat. Align all breadths, or sections of carpet in their proper position and trim the seams. Before applying adhesive, seam edges must be trimmed with the appropriate seam cutting tools used according to the carpet manufacturers recommendations.

TROWEL AND ADHESIVE RECOMMENDATIONS

Proper trowel notch size is most important. Refer to the carpet manufacturer guidelines or use the chart below. (These are minimum guidelines.) Rough porous concrete surfaces and heavily textured carpet backs may require a trowel with deeper notches. A 100% transfer of floor adhesive into the carpet backing while maintaining full coverage of the floor must be obtained. To check for proper coverage, spread adhesive in a small area with the selected trowel, press carpet into the adhesive and then peel back and check to see that the adhesive has penetrated up into the recesses of the backing. If not, select a larger size trowel and recheck.

The floor adhesive should be spread over the subfloor evenly with the specified trowel. Trowel notches wear down during use. Be sure to maintain the proper depth by re-notching when necessary.

**W. F. TAYLOR CARPET ADHESIVES
AND RECOMMENDED TROWELS GUIDELINE**

(1-to-4 Performance Power Rating, 4 is Strongest)

SPECIFICATION	TROWEL	1	2	3	4
Jute Back	1/8"x1/8"x1/16" V Notch	2060 900	2070	2100 2080 2078	2081 2057 2056 2055
Woven Polypropylene (i.e. Action Bac®)	1/8"x1/8"x1/16" V Notch	2060 2058 900	2070	2100 2080 2078	2081 2057 2055 2056
Unitary Backings (Latex, Hot Melt, etc.)	1/8"x1/8"x1/16" V Notch		2078	2100 2080	2081 2057 2056 2055
Unitary With Action Backing Secondary	1/8"x1/8"x1/16" V Notch		2078	2080	2056 2055
Poly-Urethane Laminate	1/8"x1/8"x1/16" V Notch		2080 2078	2100	2081 2057 2056 2055
Attached Poly-Urethane Foam Cushion	3/32"x3/32"x3/32" V Notch		2078	2100 2080	2081 2057 2056 2055
Patterned Carpet With Poly- Urethane Backings	1/8"x1/8"x1/16" V Notch			2100	2081 2057 2055 2056
Woven Carpets	1/8"x1/8"x1/16" V Notch		2078	2100 2080	2081 2057 2056 2055
Six Foot Vinyl Backings & Carpet Tile	1/16"x1/16"x1/16" Sq. Notch				2082 2027
Rubber Foam Back	3/32"x3/32"x3/32" V Notch	2060 900	2070	2100 2080	2081 2057 2056 2055
Outdoor Carpet					
Smooth Backs	1/8"x1/8"x1/16" V Notch				2089 757
Rougher Backs	1/8"x1/8"x1/16" U Notch				2089 757
Vinyl or Poly-Urethane Backs					none
Double Glue					
Cushion to Floor	1/16"x1/16"x1/16" Sq. Notch			2080	Releasable 2027 Permanent 2055
Carpet to Cushion	1/8"x1/8"x1/16" U Notch			2100	2057 2055

Trowel dimensions are width x depth x flat (apart).

The correct open time for adhesive is required. The applied adhesive must develop "legs" or tack prior to laying in of the carpet into the adhesive. Open time will vary depending on the environmental conditions. After sufficient open time, the carpet should be pressed into the adhesive and rolled with appropriate roller.

SEAMING

To prevent fraying and raveling at the seams a 1/8" continuous bead of seam adhesive should be applied to the base of the first edge where the face yarns enter the backing. Use Taylor Touchdown #775 Carpet Seam Cement or Taylor Touchdown #2075 Carpet Seam Adhesive. These products are formulated for butting primary edges of the carpet where cuts have been made for seams. They will anchor the carpet tufts and prevent gaps in the seams. This will seal the first edge as well as the second when the edges are butted together to form the seam.

Woven Carpet: All cut seam edges should be secured with Taylor #2075 (or another latex seam adhesive), which is a fast-drying latex adhesive used for applying seaming tapes, joining padding, reinforcing seams, sealing raw edges, securing reinforcing weak backing, etc.

All exposed edges must be protected with an appropriate seam sealer.

ROLLING

This should be performed with the lightest roller that will achieve 100% transfer of the floor adhesive into the carpet back. It is recommended that the roller weight not exceed 50 lbs.

Tufted carpet with a jute or synthetic secondary backing should be pressed down into the adhesive bed using a section of carpet core or a roller. Roll in both directions, but do not over roll.

Unitary and woven carpet should be rolled a second time approximately 3 to 12 hours after initial rolling to make sure a strong bond is established.

PROTECTION OF THE INSTALLATION

Sometimes it may be required to protect the finished floorcovering, when additional work is to be done after the installation. The installation can be covered with a non-staining building material paper.

Plastic sheeting should not be used over glue-down as it may trap moisture, retarding adhesive cure, and promoting mold and mildew growth.

Protect the installation from rolling traffic by using sheets of hardboard or plywood in affected areas.

Traffic over adhesive should be restricted for a minimum of 24-48 hours to allow proper adhesive cure. Premature traffic can cause installation failure. Exposure to water from cleaning and other sources should be restricted for a minimum of 30 days.

Temperatures of indoor carpeted areas should never fall below 50°F regardless of the age of the installation.