DETERMINE MATERIAL NEEDED
Careful Planning is essential. Make a diagram of the area to be covered, showing measurements in feet and inches. If seams are necessary, plan your floor so they are not in high traffic, prominent or pivotal areas. Allow 3 inches on all sides for rough cutting, wall irregularities, doorways or seams.

From your diagram, you can calculate the number of square yards of carpeting needed. You may want to discuss your layout with the dealer when actually making your purchase.

FOR EXAMPLE: Your area measures 10 ft. wide by 15 ft. long. You will either need 2 pieces of 6 ft. wide carpeting by 15 ft. 6 inches long or if purchasing from a 12 ft. wide roll, a single piece, 12 ft. wide by 15 ft. 6 inches long.

PREPARING YOUR SURFACE
Shaw’s Indoor / Outdoor carpets are recommended for installation over wood or concrete substrates. Surfaces to be covered must be clean, sound, dry and free of dust, dirt, wax, oil or grease, concrete curing compounds, paint or any other foreign matter that would interfere with a good bond. If you have any questions regarding the acceptability of your substrate please contact Shaw Technical Services at 1-800-471-7429. To start, smooth the entire area and fill any holes or cracks. Concrete surfaces must be fully cured (normally 120 days after pouring), free of excessive moisture, alkalis and / or hydrostatic pressures. Room and floor temperatures must be 65 degrees or higher before, during and 24 hours after installation.

INSTALLATION OF CARPET
All outdoor installations of Needlebond or Grass products must be glued down and all seams sealed if applicable. If multiple rolls are used, be sure to install the rolls in roll number sequence.

WITHOUT SEAMS
Loose lay the carpet in the area to be covered. Turn back ½ of the carpet lengthwise taking care not to shift the carpet. Working from the center out, spread the Shaw 6300 adhesive using appropriate trowel. Be sure to allow the adhesive to tack sufficiently to give 1-1 ½” “legs” when contacted with an object and pulled away. (If the carpet is layed in the adhesive before moisture has flashed off, the adhesive will bleed through the carpet). Next, fold the carpet into the Shaw 6300 adhesive. Working from the center out, use a board to smooth material and expel any air bubbles. Repeat the process for the other half of the carpet.
WITH SEAMS
Loose lay the material to be covered. Lay each piece so the nap runs in the same direction as adjacent pieces. When installing non-patterned products, over lap material at the seams, using a straight edge as a guide and a sharp utility knife, double cut through both layers of carpet at the seam. Be sure to change blades often to get a clean cut. On products with patterns, the best seam quality can be obtained by separating a tufting row with a row finder, and then row cut both sides of the carpet with a cushion back cutter using the blade closest to the side to be used at the seam edge. A patterned product may need to be stretched to align the pattern. If necessary align the pattern to achieve a match with a knee kicker or a crab stretcher. Fold back from seam ½ the width of the carpet taking care not to shift. Spread the adhesive on the exposed area allowing the adhesive to tack sufficiently (15 to 20 minutes) to give 1-1 ½” “legs” when contacted with an object and pulled away. If the carpet is layed into the adhesive before moisture has flashed off, the adhesive can bleed through the carpet. Conversely, if you allow the adhesive too much time to set up the adhesive will tack completely and you will have no adhesion properties. Gently fold the first piece of carpet into the adhesive. Apply a bead of seam sealer to the seam edge of the first piece. Make sure the bead is thick enough to cover the base of the fiber and the backing. Gently fold the second piece in. Working from one end of the seam, feed the seam together for a neat joint. Smooth out the carpet using a board. Work from the seam out to remove any wrinkles or bubbles. Take care not to pull apart the seam. Repeat the above until the installation is complete.

*Please note: Adhesive set up time can vary. If humidity is high, the adhesive tack time is slower and if the temperature is high adhesive tack time can be faster.

FINISHES FOR ALL INSTALLATIONS
Do all necessary trimming after the carpet is down. Add metal molding or edge protection where applicable. Adhesive or seam sealer may be cleaned up per instruction on the label.

RECOMMENDED ADHESIVE
The recommended adhesive for all Shaw Indoor / Outdoor products is Shaw 6300 Premium Multipurpose Adhesive. This adhesive has been formulated specifically for all Shaw’s indoor / outdoor backing systems.

TROWEL RECOMMENDATIONS
A 1/8” “U” notch trowel with a coverage of 10 sq. yds. per gallon is recommended for all Shaw backings.

A 1/16” “U” notch trowel providing a coverage of 15 sq. yds. per gallon is recommended for Shaw’s Ecoworx products.

For additional information regarding installation please call Shaw Industries Field Technical Services Department at 1-800-471-7429.