

# Bona<sup>®</sup> R880<sup>™</sup>

## Technical Data Sheet

Adhesives



Bona R880 is a firm-elastic silane-based construction adhesive. With an extremely high initial bonding strength and rapid setting formulation it is perfect for horizontal and vertical applications alike. The bonding process can be accelerated by lightly misting substrate and/or adhesive prior to bonding.

- Rapid set
- Uses a standard 10 oz. caulking gun
- Excellent adhesion to most substrates
- Great for trim, starter rows, treads, risers, vertical applications
- Easily removed from prefinished surfaces
- Water and solvent-free

### Technical data

#### Physical Characteristics:

**Ingredients** – Silane-modified pre-polymer

**Color** – Cream

**Viscosity** – firm texture

**Density** – 11.7 lbs / gallon

**VOC Content** – 0 g/L in tube

**Odor** – Negligible

**Stability** – 1-year from date of manufacture in unopened, original packaging

**Packaging** – 10.4 fl. oz. (310 mL) in plastic caulk-style tubes

#### Application Characteristics:

**Initial Set up** – Open time of 10 minutes (5 minutes when misted with water)

**Final Strength** – 12 hours

**Coverage** – 30 lineal feet per tube with a ¼" bead

### Directions

**BEFORE USING, READ ALL DIRECTIONS AND MATERIAL SAFETY DATA SHEET.**

**FOR TECHNICAL ADVICE:** Call Bona US at 800-872-5515

**ACCLIMATION AND SITE CONDITIONS:** Bona R880 is best applied between 50°F and 80°F.

**SUBSTRATE PREPARATION:** Substrate must be clean, smooth, dry, free of loose material and structurally sound, with the surface slightly textured for best adhesion. Remove adhesive residue, paint, concrete curing compounds or other contaminants that may affect adhesive bond. If applicable, substrates must meet the requirements of local codes and practices.

**PRODUCT LIMITATIONS:** On vertical surfaces, the use of mechanical fasteners may be necessary to facilitate adhesive capabilities until the final cure strength is achieved. Bona R880 is not to be used as a structural / load bearing adhesive. For interior use only.

#### SUITABLE MATERIALS:

- Wood
- Stone
- Concrete
- Metal
- Recycled rubber
- Floors with leveling compounds
- Gypsum-based substrates, floor and wall
- OSB
- Plywood
- Mastic asphalt floors (with intact sand surface)

**APPLICATION:** Bona R880 needs to be applied using a standard 10 oz. caulking applicator. 1. Cut end of tube above threads to expose adhesive. 2. Attached supplied applicator tip to threaded end of R880 tube. 3. Remove threaded cap and cut applicator tip to desired bead size. 4. Apply sufficient material to the surface or surfaces being bonded. Open time for R880 is 10 minutes. NOTE: For heavier applications, especially on vertical surfaces, the use of mechanical fasteners or temporary support may be necessary until bonding strength is achieved. If additional bond strength is needed, lightly misting the substrate surface or the applied adhesive with water will accelerate the initial bonding strength. The addition of water will decrease the open time to 5 minutes. 5. Position material to substrate as desired. 6. Save any remaining materials by attaching provided cap. NOTE: If R880 tube is to be sealed for later use, be sure to cut the applicator tip beyond the cap threads.

### Maintenance

**CLEAN-UP:** Wet R880 can be cleaned up with mineral spirits. Once dried, mechanical cleaning may be necessary.

**STORAGE:** Store in a climate-controlled environment. Keep from freezing. Do not store for extended periods above 90°F (32°C).

### Order Information

Item#	Size	#/Case	Lbs./Case
BR88000300USBO	10.4 oz. tube	12	15.3 lbs.



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