

## Adhesive 1200

### DESCRIPTION

High solids, quick-grabbing, multipurpose adhesive designed for the installation of most carpet backings and mineral fibrous felt backed vinyl sheet goods. Perfect for all intended commercial applications, extra heavy traffic (airports, school cafeterias, hospitals, etc.). Shaw 1200 is a high performance adhesive specially formulated for the installation of quality carpet over approved under cushion in commercial double glue down applications.

### USES

1. For the installation of jute, polypropylene (Action Bac®), latex unitary, latex foam, sponge rubber, Unibond® hot melt, needle punched, closed cellular urethane foam, woven (Kara-Loc, Axminster, Wilton), and Enhancer® backed carpets.
2. For the installation of felt-backed sheet vinyl goods and vinyl composition tiles.
3. For the installation of approved carpeting over high performance quality cushions in a double glue down application.

### LIMITATIONS

1. For interior installations only.
2. Not recommended for the installation of vinyl, rigid rubber or urethane unitary backed floor coverings.
3. Do not use when the substrate temperature is below 50°F (10°C) or above 90°F (32°C), or when relative humidity exceeds 65%.
4. Do not apply directly over gypsum-based substrates.
5. Do not roll cushion-backed carpeting. Use a carpet core to smooth out floor covering.

### RECOMMENDED SUBSTRATES

- Any wood underlayment that is recommended or guaranteed by either the wood underlayment manufacturer or the floor covering manufacturer, such as Exterior grade plywood, Group 1, CC type.
- Fully cured concrete.
- Embossed vinyl flooring properly leveled with the Shaw Patching System (see technical data sheets for details), for light commercial only.
- Properly prepared vinyl composition tile.

Note: It is recommended that all concrete slabs be tested for moisture. If moisture vapor emission exceeds 5-lbs./1000 sq. ft. (1,36 kg/92,9 m<sup>2</sup>) per 24 hours, using the anhydrous calcium chloride test, this adhesive must not be used.

## SETTING INSTRUCTIONS

### 1. SURFACE PREPARATION

SEE "SURFACE PREPARATION" SHEET.

### 2. MIXING

Shaw 1200 is ready to use. No mixing is required. Simply open the container and spread.

### 3. APPLICATION

- 3.1 Use the recommended notched trowel (see technical data table) to ensure that at least 90% of the adhesive transfers to flooring material backing. Follow floor covering manufacturer's recommendation regarding proper trowel to use.
- 3.2 Install the flooring material into the adhesive while it is still fresh. For non-porous backed material with inherent "memory", allow the spread adhesive 15 - 20 minutes drying time (or longer if required) to tack up before placing flooring material. Proper adhesive transfer to the backing should be confirmed periodically by lifting the material. Use the tacky dry installation method when installing over a non-porous substrate (such as existing VCT).
- 3.3 Roll flooring surface across width and length with the manufacturer's recommended roller, to break down adhesive ridges and to ensure removal of entrapped air.
- 3.4 Complete installation as per flooring material manufacturer's instructions.
- 3.5 Promptly clean up adhesive smudges from flooring material surface with wet cloth while adhesive is still fresh and with mineral spirits when dried.
- 3.6 Promptly wash tools and hands with water while the adhesive is still fresh.

### 4. EXPANSION AND CONTROL JOINTS

- 4.1 Provide for expansion and control joints where specified.
- 4.2 Do not cover any expansion joints with adhesive.
- 4.3 Cut flooring material on both sides along the edges of expansion joints.
- 4.4 Insert the specified compressible bead and sealant for expansion and control joints, according to plans and specifications.

### 5. PROTECTION

- 5.1 Protect containers from freezing in transit and storage. This product is freeze/thaw stable at temperatures down to 0°F (-18°C). However, it is recommended to protect all water-based products from freezing. If frozen, do not stir until material has completely thawed.
- 5.2 Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

### 5.3 Restrict traffic for 24 hours to allow proper adhesive set-up.

Open time at 72°F (22°C) 50% relative humidity	Up to 35 minutes (depending upon trowel used)
Drying time at 72°F (22°C)	24 hours
Bond strength (7 days): Polypropylene (Action Bac®)	12,5 pli (2,2 kg/lin. cm)
Freeze-thaw stability at 0°F (-18°C)	Stable 5 cycles
Flash point	Non-flammable
Maximum tolerance of vapor emission from the concrete slab (using the anhydrous calcium chloride test)	5 lbs./1000 sq. ft. (1,36 kg/92,9 m <sup>2</sup> ) per 24 hours
pH	Approx. 9.5
Clean ability	with water while fresh, mineral spirits when dried.
Color	Light beige
Consistency	Buttery

#### Note

Quantities shown are approximate and given for estimating purposes only. Actual job site coverage may vary according to substrate conditions, type of trowel used and setting practices.

#### HEALTH AND SAFETY

Consult the material safety data sheet for more information.

#### NOTICE

We shall not be liable for incidental and consequential damages, as defined under the uniform commercial code, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instruction or for other than the intended use. Before using, user shall determine the suitability of the product for its intended use and user alone assumes all risks and liability whatsoever in connection therewith. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was, or reasonably should have been discovered.

#### PACKAGING

Pails: 1 US gal. (3,7 L); 3.96 US gal. (15 L)

**SHELF LIFE**

12 months when stored in original containers at room temperature in a dry heated area.

**APPROXIMATE COVERAGES**

Typical Recommended Trowel (depth, width, space)

Carpet (polypropylene):

1/8" x 1/8" x 1/8" U Notch (3,2 x 3,2 x 3,2 mm)	90 - 108 sq. ft./US gal. (2,2 - 2,6 m <sup>2</sup> /L)
--	---

Carpet:

1/8" x 1/8" x 1/16" (3,2 x 3,2 x 1,6 mm)	53 - 73 sq. ft./US gal. (1,3 - 1,8 m <sup>2</sup> /L)
---	--

Mineral felt back vinyl:

1/32" x 1/16" x 1/32" (0,8 x 1,6 x 0,8 mm)	185 - 245 sq. ft./US gal. (4,5 - 6,0 m <sup>2</sup> /L)
---	--

1/16" x 1/16" x 1/16" (1,6 x 1,6 x 1,6 mm)	125 - 185 sq. ft./US gal. (3,0 - 4,5 m <sup>2</sup> /L)
---	--

® Registered Trademark

Printed in Canada

06/99

**Material Safety Data Sheet****IDENTITY (As shown on label):**

Shaw 1200 Superior Commercial Grade Multipurpose Adhesive

**SECTION I**

**Prepared by:** Regulatory Affairs

**Manufacturer Name:** Shaw Industries, Inc.

**Address/Phone:** P.O. Drawer 2128; Dalton, Ga 30722; (800)441-7429

**Emergency Telephone No.:** (800)535-5053

**Product Class:** Synthetic rubber, resin blend

**Manufacturer's Code Identification:** 1200

**Trade Name:** Superior Commercial Grade Multipurpose Adhesive

**SECTION II****HAZARDOUS INGREDIENTS**

**None per OSHA Regulation:** 29 CFR 1910.1200

**SARA Title III Section 313 Chemicals:** None

**SECTION III**

**PHYSICAL DATA****Boiling Point:** 212°F**LBS/GAL:** 9.9**Evaporation Rate:** Same as water**Vapor Density:** Same as water**Vapor Pressure:** Same as water**Percent Volatile:** 32% (by weight)**Color:** Beige**Odor:** Mild acrylic**Grams V.O.C. per liter of material:** 0 (calculated)**Grams V.O.C. per liter of coating:** 0 (calculated)**SECTION IV****FIRE & EXPLOSION HAZARD DATA****Dot Category:** N/A**Flash Point:** None**LEL:** N/A**Extinguishing Media:** Product will not burn until all water content has evaporated.  
Water spray, carbon dioxide, dry chemical or foam.**Unusual Fire & Explosion Hazards:** Some decomposition products may be harmful.**Special Fire Fighting Procedures:** Wear standard fire fighting gear with self-contained breathing apparatus.**SECTION V****HEALTH HAZARD DATA SYMPTOMS OF OVER EXPOSURE****ROUTES OF ENTRY:** Inhalation? YES Skin? YES Ingestion? YES**HEALTH HAZARDS (ACUTE AND CHRONIC)****Acute:** Inhalation or contact can cause irritation to eyes, skin, nose or throat to sensitive people. If ingested can cause nausea, vomiting, griping, and diarrhea.**Chronic:** None known.**CARCINOGENICITY:** NTP - NO IARC - NO OSHA - NO**Signs and Symptoms of Overexposure** Nausea; vomiting; nose and throat irritation; eye irritation; and skin irritation.**Medical Conditions That Can Be Aggravated by Exposure** Respiratory and skin disorders.**EMERGENCY AND FIRST AID PROCEDURES****Inhalation:** Remove to fresh air. If not breathing, trained personnel should initiate artificial respirations and immediate medical attention should be obtained.**Ingestion:** Do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek medical attention immediately.

**Skin:** Avoid contact with skin. Remove contaminated clothing. Wash affected area thoroughly with soap and water. If irritation persists, seek immediate medical attention.  
**Eyes:** Flush with cool water for 15 minutes while holding eyelid open. If irritation persists, seek medical attention immediately.

## **SECTION VI**

### **REACTIVITY DATA**

**Stability:** Stable

**Conditions to avoid:** None known

**Incompatibility-Materials to Avoid:** None known

**Hazardous decomposition products:** None known

**Hazardous polymerization:** Will not occur

## **SECTION VII**

### **SPILL OR LEAK PROCEDURES**

#### **STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED.**

While using appropriate protective equipment, place spilled material in poly drum, or container requirement by local disposal company, and store in a safe place till material can be disposed of in accordance with regulations.

**Waste Disposal Method** Dispose of in accordance with local, state, and federal regulations governing your location.

**Precautions to be taken during Handling and Storage** Keep container closed when not in use. Store at 60-95°F and out of the sun. Use adequate ventilation to avoid breathing vapors when cover is removed.

**Other Precautions** Avoid prolonged skin contact.

## **SECTION VIII**

### **SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** If workplace exposure limit of product is exceeded, a NIOSH/MSHA approved air supplied respirator is required in absence of proper environmental control. Engineering or administrative controls should be implemented to reduce exposure.

**Eyes:** Goggles

**Ventilation:** Local exhaust

**Protective Gloves:** Impervious. (Nitrile, rubber, or better)

**Other Protective Equipment:** As needed to minimize contact with skin.



**WORK AND HYGIENE PRACTICE** Remove contaminated clothing immediately. Wash hands, after each use and before eating, drinking, or using toiletries. Minimize contact of product on skins.