

Adhesive 7550

FAST-SETTING SKIM COATING COMPOUND

DESCRIPTION

Shaw 7550 is a high performance, fast-setting, cement-based skim coating compound for the finishing and smoothing of dry concrete, approved wood underlayments, properly prepared ceramic tile and non-water soluble adhesive residues.

USES

- For skim coating unfinished, non-level, rough-textured concrete.
- For filling minor voids, holes and cracks in concrete and wood underlayments.
- For preparing and leveling wood underlayment seam joints.
- For skim coating over properly prepared ceramic tile (See Section 1.4).
- For repairing sub-floors from featheredge to 1/2" (12 mm).
- For skim coating well bonded, non-water soluble adhesive residues (over concrete) not subject to adhesive migration.
- Offers a compatible bond with all floor covering adhesives when subsequently used for the installation of a floor covering.

RECOMMENDED SUBSTRATES

- Dry concrete*
 - Any wood underlayment that is recommended or guaranteed by either the wood manufacturer or the floor covering manufacturer, such as Exterior grade plywood, Group 1, CC type
 - Properly prepared ceramic tile
 - Non-water soluble adhesive residues not subject to adhesive migration.
- *Test substrate for moisture content prior to installing Shaw 7550 and follow the recommendation of the floor manufacturer for maximum allowable moisture content.

IMPORTANT TECHNICAL NOTES

(Things to Remember)

- For interior installations only.
- Do not apply over presswood, flake board, metal or similar type substrates. Follow the floor covering manufacturer's recommendations regarding proper plywood underlayment qualities.
- Do not apply over gypsum-based substrates.

- Do not use as a concrete resurfacing material when concrete surface is to be left exposed or unprotected.
- Do not use for leveling large surfaces for applications greater than a skim coat. Instead, use Shaw's self-leveling underlayments (see Technical Data Sheets for details).
- Do not use at temperatures below 50°F (10°C) or above 100°F (38°C).
- Refer to Material Safety Data Sheet (MSDS) before beginning installation.
- For other types of substrates or when special conditions exist, contact Shaw's Technical Services department for assistance.
- Do not install where a moisture problem exists.

INSTRUCTIONS

1. Surface Preparation

1.1 General

1.1.1 All sub-floors must be structurally sound, solid, well-fastened, dry, clean and free of dust, oil, grease, tar, paint, wax, curing agents, primers, sealers, loosely bonded toppings, loose particles and any substance or condition that may reduce or prevent adhesion.

1.2 Concrete

1.2.1 Concrete sub-floors must be dry.

1.2.2 No primer or special bond coat is required.

1.3 Wood underlayment

1.3.1 All wooden floors must be well ventilated from below.

1.3.2 No primer or special bond coat is required.

1.4 Ceramic Tile

1.4.1 Ceramic tile must be sound, solid, well bonded, flawless, stripped clean and free of any contaminants or conditions that may prevent or reduce adhesion. Roughen surface by sanding or scarifying using appropriate safety precautions.

2. Mixing

2.1 Some settling may occur during transportation. Dry-blend powder before mixing.

2.2 In a clean mixing container, pour in 1 part water by volume, then gradually add 2 parts powder by volume while slowly mixing.

Note: Water temperature should not exceed 73°F (23°C). Higher water temperature will shorten pot life.

2.3 Hand mix or use a low-speed mixer (approx. 300 RPM) to mix (maximum 3 minutes) thoroughly to a smooth, lump-free consistency. Do not mix more material than can be applied within 15 minutes.

2.4 Avoid air entrapment and prolonged mixing, which will shorten pot life.

2.5 Do not over water.

2.6 Wash hands and tools with water immediately after mixing.

3. Application

3.1 Immediately apply the mixture to the substrate using a flat-edge steel trowel, finishing the surface to the required smoothness.

3.2 Protect from excessive heat or drafty conditions during curing period.

3.3 Wash hands and tools with water while material is still fresh.

4. Expansion and control joints

4.1 Protect existing expansion and control joints. Do not fill or cover expansion and control joints with Shaw 7550 .

5. Cleaning

5.1 When fresh, Shaw 7550 is easily removed from hands, tools and equipment with water. If allowed to set and harden, it can only be removed through mechanical abrasion.

6. Protection

6.1 Provide for dry heated storage on site and deliver all materials at least 24 hours before work begins.

6.2 Protect from traffic, dirt or dust from other trades until final installation of floor covering.

6.3 Do not apply any adhesive or floor covering material before Shaw 7550 is completely dry.

6.4 Protect from excessive heat and drafty conditions while curing.

6.5 Shaw 7550 must be covered over with a floor covering material.

TECHNICAL DATA

(based on 73°F [23°C] and 50% relative humidity)

Pot life	Up to 15 minutes (varies depending upon water temperature and amount of mixing)
Final set	Approximately 60 minutes

Drying time required before installation of floor covering

Once the material has hardened so that applying an adhesive over the surface does not damage the surface. Drying time will depend upon thickness of application.

Note: Allow Shaw 7550 to dry completely prior to the installation of floorings that are sensitive to moisture (such as wood, homogeneous pvc and rubber sports flooring).

Shrinkage factor (28 days)	None
Cleanability	With water while still fresh
Color	Gray

Packaging
10 lb. (4,54 kg) pail

Shelf life
6 months when stored in original unopened container at room temperature (73°F [23°C]) in a dry area.

Approximate coverage per 10 lb. (4,54 kg) pail
 Skim coat 250 - 300 sq. ft. (23,2 – 27,9 m²)

Note

Quantities shown are approximate and are given for estimating purposes only. Actual job site coverage may vary according to substrate conditions, type of equipment used, actual thickness applied, handling and application.

Health and safety

Consult the Material Safety Data Sheet (MSDS) before using this product.

Material Safety Data Sheet

IDENTITY (As shown on label):

Shaw 7550

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

Manufacturer's Code Identification: 7550

SECTION II

HAZARDOUS INGREDIENTS

	OSHA (PEL)	ACCGIH (TLV-TWA)	Other Limits Recommended	% (Optional)
Calcium Cement (CAS# 1317-65-3)	5mg/m ³	10 mg/m ³	(Respirable dust only.)	35-45
Hydraulic Cement (CAS# 65997-15-1)	15mg/m ³	10mg/m ³	N/E	5-10
Calcium Sulfate Hemihydrate (CAS# 26499-65-0)	10mg/m ³	15mg/m ³	N/E	5-15
Calcium Aluminate Cement (CAS# 65997-16-2)	15mg/m ³	15mg/m ³	N/E	30-40

For California: This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive toxicity.

HMIS Rating: Health – 3 Fire – 0 Reactivity – 0 Protection - E

SECTION III**PHYSICAL DATA****Boiling Point:** N/A**Evaporation Rate:** N/A**Vapor Density:** N/A**Vapor Pressure:** N/A**Specific Gravity:** 1,60 – 2,00**Color:** Gray powder**Odor:** General cement**Maximum VOC:** N/A**SECTION IV****FIRE & EXPLOSION HAZARD DATA****Flash Point:** N/E**LEL:** N/A**Extinguishing Media:** Will not burn except under extreme temperatures. 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? NO**HEALTH HAZARDS (ACUTE AND CHRONIC)****Acute:** Possible injury due to the alkaline nature of wet cement (dermatitis, dry cough, etc.)**Chronic:** Repeated (long term) inhalation of dust may result in silicosis.**CARCINOGENICITY:** NTP - YES IARC - NO OSHA – NO**Signs and Symptoms of Overexposure:** No effects are suspected under normal professional use.**Medical Conditions That Can Be Aggravated by Exposure:** Allergies, skin and respiratory disorders. Product sensitivity.**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: Strong oxidizing agents, strong acids, and strong bases.

Hazardous decomposition products: Carbon monoxide, carbon dioxide, oxides of nitrogen, and other unidentified organic compounds.

Hazardous polymerization: Will not occur

SECTION VII

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED.

Wear protective equipment. Contain by diking with inert absorbent materials and put into an approved waste container.

Waste Disposal Method Dispose of in accordance with local environmental regulation.

Precautions to be taken during Handling and Storage Store in manner to prevent dusty conditions.

Other Precautions Avoid prolonged skin contact.

SECTION VIII

SPECIAL PROTECTION INFORMATION

Respiratory Protection: During work with dry product it is recommended to wear a NIOSH APPROVED PARTICULATE FILTER RESPIRATOR RATED N95 (42 CFR 84).

Eyes: Safety glasses or goggles as necessary to prevent eye contact.

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.