

PRODUCT DESCRIPTION

Stondeck XD4 is a slip-resistant, traffic-bearing, broadcast flooring system. The high-performance base allows the system to hold aggregate and provide long-term wear resistance while providing a UV-resistant finish. It is comprised of the following:

Stondeck XD2 Basecoat

A two-component, free-flowing, urethane, broadcast accepting base layer.

Stondeck XD2 Topcoat

A two-component, free-flowing, urethane seal coat that locks in the broadcast aggregate.

Stonseal GS6

A two-component, high-performance, aliphatic polyurethane, UV-stable coating. Stonseal GS6 combines superior chemical and abrasion resistance with excellent adhesion and weatherability.

PACKAGING

Stondeck XD4 is packaged in units for easy handling. Each unit consists of:

Stondeck XD2 Basecoat Natural

1.754 kg Isocyanate
10 kg Polyol

Stondeck XD2 Topcoat

1.754 kg Isocyanate
10 kg Polyol

Stonseal GS6 Pigmented

1 kg Isocyanate
4 kg Polyol

Texture 3 Broadcast Aggregate

22.7 kg bag

COVERAGE

Each unit of Stondeck XD2 will cover approximately 2.18 m²/kg.
Stonseal GS6 will cover approximately 7.6 m²/kg.

STORAGE CONDITIONS

Store all components of Stondeck XD4 between 60 to 85°F/16 to 30°C in a dry area. Avoid excessive heat and do not freeze.

COLOR

Stondeck XD4 is available in limited colors. Contact Stoncor ME for color requirement.

SUBSTRATE

Stondeck XD4, in conjunction with the proper primers, is suitable for application over properly prepared concrete, metal or wood. For questions regarding other possible substrates or an appropriate primer, contact your local Stonhard representative or Technical Service.

SUBSTRATE PREPARATION

Proper preparation is critical to ensure an adequate bond and system performance. The substrate must be dry and properly prepared utilizing mechanical methods. Questions regarding substrate preparation should be directed to your local Stonhard representative or Technical Service.

PHYSICAL CHARACTERISTICS

Tensile Strength	Stondeck Basecoat 2,000 psi
(ASTM D-638)	Stonseal GS6 2,800 psi
(ASTM D-2240, Shore D)	
VOC Content	Stondeck Basecoat 2 g/l
.....	Stonseal GS6 234 g/l
Cure Rate8-12 hours for foot traffic
(@77F°/25°C)	24 hours for normal operations
Standard System Thickness	40 mil
.....	Stondeck Basecoat 25 mil
.....	Stonseal GS6 15 mil

Note: The above thickness readings are exclusive of primer and aggregate.

Requirements for ASTM C-957, system passes for D-6511, C-794, D-471 and C-501.

Note: The above physical properties were measured in accordance with the referenced standards. Samples of the actual floor system, including binder and filler, were used as test specimens. All sample preparation and testing is conducted in a laboratory environment, values obtained on field-applied materials may vary and certain test methods can only be conducted on lab-made test coupons.

PRIMING

For standard applications of Stondeck XD4, no primer is required.

MIXING

- Proper mixing is critical for the product to exhibit the proper application properties, cure properties and ultimate physical properties.
- Mechanical mixing is required using a slow-speed drill and a mixing blade.
- See Stondeck XD4 Directions for further details.

APPLYING

- For optimal working conditions, install Stondeck XD4 when the material and substrate temperature is from 60 to 85°F/16 to 30°C. The cure time and application properties of the material are severely affected at temperatures outside of this range.
- Material must be applied immediately after mixing.
- No primer is required.
- Apply Stondeck Basecoat with a 30 mil notched squeegee.
- Backroll the material with a nap roller.
- Wait about 15 minutes from the time the material has been squeegeed, then broadcast Texture 3 to refusal.
- Once cured, remove excess aggregate.
- Apply Stondeck XD2 Topcoat with a flat squeegee. Wait 15 minutes from the time the material has been squeegeed, then backroll and finishroll.
- Apply Stonseal GS6.

PRECAUTIONS

- Use these materials only in strict accordance with the manufacturer's recommended safety procedures. Dispose of waste materials in accordance with government regulations.
- The use of NIOSH/MSHA approved respirators using an organic vapor/acid gas cartridge is mandatory.
- The selection of proper protective clothing and equipment will significantly reduce the risk of injury. Body covering apparel, safety goggles or safety glasses and impermeable gloves are required.
- In case of contact, flush area with water for 15 minutes and seek medical attention. Wash skin with soap and water.
- If material is ingested, immediately contact a physician. **DO NOT INDUCE VOMITING.**
- Use only with adequate ventilation. Inhalation of vapors may cause severe headaches, nausea and possibly unconsciousness.
- During prep-work of floor substrate or mixing of Stonhard product while adding aggregate, dust masks must be worn.

NOTES

- Use only with adequate ventilation.
- Procedures for cleaning of the flooring system during operations can be found in the Stonhard Floor Maintenance Guide.
- Specific information regarding chemical resistance is available in the Stondeck Chemical Resistance Guide.
- Safety Data Sheets for Stondeck are available online at www.stonhard.com under Products or upon request.
- The appearance of all floor, wall and lining systems will change over time due to normal wear, abrasion, traffic and cleaning. Generally, high gloss coatings are subject to a reduction in gloss, while matte finish coatings can increase in gloss level under normal operating conditions.
- Surface texture of resinous flooring surfaces can change over time as a result of wear and surface contaminants. Surfaces should be cleaned regularly and deep cleaned periodically to ensure no contaminant buildup occurs. Surfaces should be periodically inspected to ensure they are performing as expected and may require traction-enhancing maintenance to ensure they continue to meet expectations for the particular area and conditions of use.
- A staff of technical service engineers is available to assist with installation, or to answer questions related to Stonhard products.
- Requests for technical literature or service can be made through local sales representatives and offices, or corporate offices located worldwide.

IMPORTANT:

To the best of our knowledge the technical data contained herein are true and accurate at the date of issuance and are subject to change without prior notice. User must contact StonCor Middle East to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to StonCor Middle East quality control. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of products. Prices and cost data, if shown, are subject to change without prior notice. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY STONCOR MIDDLE EAST, EXPRESS OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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