

### PRODUCT DESCRIPTION

Stonproof XT7 is a two-component, liquid applied, polyurethane/polyurea hybrid waterproofing membrane. It is designed for use on horizontal applications as a positive-side moisture barrier. It can also be used as a crack bridging isolation layer.

### PRODUCT ADVANTAGES

- Excellent bond strength ensures superior adhesion
- Excellent low temperature property retention
- Seamless and monolithic
- Permanently elastic
- Non-deteriorating
- Easily applied to horizontal surfaces
- Factory proportioned packaging ensures consistent, high quality, and simplified mixing

### PACKAGING

Stonproof XT7 is packaged in units for easy handling. Each unit consists of:

- 1 carton containing:
- 1 foil bag of Amine
- (1) 5 gallon pail of Isocyanate

### COVERAGE

Approximately 23.2 m<sup>2</sup> per unit at WFT of 0.6 mm.

### STORAGE CONDITIONS

Store Stonproof XT7 at 16 to 30°C in a dry area. Avoid excessive heat and do not freeze. The shelf life is 1 year in the original, unopened container.

### SUBSTRATE

Stonproof XT7, with the appropriate primer, is suitable for application over properly prepared concrete, wood, brick, quarry tile, metal or Stonhard Stonset grouts. For questions regarding other possible substrates or an appropriate primer, contact your local Stonhard representative or Technical Service.

### PATCHING

For proper membrane application, all cavities and voids in the concrete should be filled with a patching compound (Stonset PM5 is recommended) prior to priming to make the surface as smooth as possible.

### PRIMING

Stonhard's HT Primer must be applied to the prepared floor surface before installing Stonproof XT7 for all waterproofing applications. The primer layer must be inspected and all pinholes must be addressed prior to installing the Stonproof XT7.

### MIXING STONPROOF XT7

Stonproof XT7 is supplied in pre-measured quantities. Mixing must be achieved by mechanical means. Mechanical mixing should be done using a heavy-duty, slow-speed drill (400 to 600 rpm) with a mixing blade. Open the isocyanate and pre-mix to ensure the suspension of solids. Add the amine and continue to mix for a minimum of 3 minutes. Avoid high-speed mixing that will entrain air into the mix. Thorough mixing of the two components is critical

### PHYSICAL CHARACTERISTICS

Tensile Strength (ASTM D-412)	14,5 N/mm <sup>2</sup>
Elongation (ASTM D-412)	480%
Hardness (ASTM D-2240, Shore A)	80
Pot Life (@ 21°C)	30 to 35 minutes
Cure Rate (@ 21°C) for tack-free surface	12 to 18 hours
VOC Content (ASTM D-2369, Method E)	46 g/l

**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.

### APPLYING STONPROOF XT7

Stonproof XT7 can be applied at ambient and surface temperatures of 16 to 30°C. This membrane must be applied immediately after mixing the two components. Stonproof XT7 is applied with a 0.8 mm notched squeegee. Backrolling with a spiked roller will aid in air release. After material is applied, backroll with a nap roller.

**Note:** WFT of material after nap rolling is 0.6 mm.

### CURING

The surface of Stonproof XT7 will be tack-free in 12 to 18 hours at 25°C. Ultimate physical characteristics will be achieved in 7 days.

### RECOMMENDATIONS

- Apply only on a clean, sound and properly prepared and primed substrate.
- Minimum ambient and surface temperatures are 16°C at the time of application.
- Do not use water or steam in the vicinity of the application. Moisture can seriously affect the working time and properties of the material.
- Application and curing times are dependent upon ambient and surface conditions.

### PRECAUTIONS

- Acetone are recommended for clean up of unreacted material. The reacted materials must be removed by mechanical means. Use these materials only in strict accordance with the manufacturer's recommended safety procedures.
- Dispose of waste materials in accordance with federal, state and local regulations.
- The use of NIOSH/MSHA approved respirators are required during spray applications.

- 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 the area with copious amounts of water for 15 minutes and seek medical attention. Wash skin with soap and cold water.
- Use only with adequate ventilation.

## NOTES

- Safety Data Sheets for Stonproof XT7 are available online at [www.stonhard.com](http://www.stonhard.com) under Products or upon request.
- A staff of technical service engineers is available to assist with application 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:

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