



Vetonit Sport UL375

High performance, solvent-free, two-component, polyurethane self-level sports coating

Uses

- Designed for creating durable and high performance sports flooring for both indoor and outdoor applications.
- Ideal for high-impact sports applications that demand exceptional mechanical strength and durability, including squash courts, indoor soccer fields, badminton courts, handball arenas, volleyball courts, and multipurpose halls.
- Applied on wet pour rubber cushion systems made of SBR rubber granules and PU binders.
- Ideal for enhancing the performance of athletic surfaces when combined with elastic pore sealers (Vetonit Sport Putty) and UV-resistant polyurethane topcoat (Vetonit Sport UC374).

Product Description

Vetonit Sport UL375 is a high performance, solvent-free, two-component, polyurethane self-level coating specifically formulated for both indoor and outdoor sports flooring applications. This high performance coating exhibits excellent mechanical properties, including high impact resistance, flexibility, and elasticity, making it ideal for creating durable, athletic-grade sports surfaces.

Vetonit Sport UL375 is designed for application on prefabricated subfloors, such as wet pour rubber cushion systems composed of SBR rubber granules and PU binders. The system can be combined with a polyurethane finish coat, such as Vetonit Sport UC374, to create a complete multi-layer polyurethane flooring system suitable for various sports facilities, including tennis courts, basketball courts, handball arenas, volleyball courts, and multipurpose halls.

Advantages

- Easy application.
- High flexibility and elasticity providing superior shock absorption.
- Non-shrinking; maintains dimensional stability during curing.
- Excellent self-leveling.
- Weather resistant.
- Eco-friendly.
- Suitable for a wide range of applications.

Technical Data

Vetonit Sport UL375	Typical Values
Color	Red
Mixed Density (kg/L)	1.45
Pot Life (minutes) (@ 25°C)	40-45
Shore A Hardness - ASTM C661@21 days	70
Application Temperature (°C)	10-40
Curing Time (hours) (@25°C and 60% relative humidity)	24

Usage Instructions

Surface Preparation

The substrate should be sound, clean, and free from loose material, grease, laitance, dirt, or any other substance that might impair the product's bond quality with the substrate.

For concrete or asphalt surfaces, use industrial-grade vacuum cleaners and squeegees to remove dust, dirt, and residues effectively. Ensure that the substrate temperature and ambient air remain above 10°C during application and curing, with relative humidity not exceeding 75% to prevent any curing irregularities or adhesion issues.

When applied over prefabricated subfloors like wet-pour rubber cushion systems (comprising SBR granules and PU binders), ensure these are properly sealed using an elastic pore sealer (Vetonit Sport Putty) to close any surface porosity and prevent defects in the final finish of Vetonit Sport UL375.

Mixing

Vetonit Sport UL375 is supplied as a two-component system with Part A (base) and Part B (hardener) pre-measured in fixed weight proportions. Mixing must be performed with precision to achieve a homogeneous and consistent material.

Pre-stir Part A (base) to reintegrate any slight separation within the container. Gradually add Part B (hardener) to Part A while stirring. Use a low-speed electric mixer (300-600 RPM) for 1-2 minutes, ensuring thorough dispersion of the hardener throughout the resin. Scrape the sides and bottom of the mixing container periodically to ensure uniform consistency.

Note: The mixed material must be used within 20-30 minutes at 25°C. Beyond this, the material may begin to cure, reducing its workability.

Application

Vetonit Sport UL375 can be applied using a notched trowel. Pour the mixed material directly onto the prepared surface. Spread the material evenly using a 5.5 mm V-notched trowel.

Immediately after spreading, use a spiked roller to release any trapped air bubbles and prevent the formation of surface defects such as blisters. Work in parallel passes with the roller to maintain a smooth and level surface.

Legal Disclaimer

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For multi-layer systems, ensure each layer is fully cured before applying the next component. If using Vetonit Sport UC374 polyurethane topcoat, allow the base layer to dry as per the curing guidelines.

Curing

Vetonit Sport UL375 cures within 9-12 hours at 25°C and 60% relative humidity. Ensure the environment meets these conditions for optimal results.

Depending on the ambient temperature and humidity, subsequent layers, such as Vetonit Sport UC374, can be applied the following day.

If environmental conditions or delays interfere with the next layer's application, lightly sand the surface to restore smoothness and remove any contaminants before proceeding.

Cleaning

All tools should be cleaned with Vetonit Solvent XX400 immediately after use. Hardened material can only be removed mechanically.

Packaging & Coverage

Product	Pack Size	Yield
Vetonit Sport UL375	20 kg	2.0 - 2.2 kg/m ² for 1 layer, 1mm

Stated consumption data are for general guidance. Actual consumption depends on the nature of substrate, method of application, and wastage.

Limitations

- Perform the mixing and application process in a controlled environment where the ambient temperature is above 10°C and the relative humidity does not exceed 75%. High humidity or low temperatures can adversely affect the chemical reaction and curing.
- Use the mixed material promptly within the specified pot life as stated in usage instructions.
- It is essential to completely seal the porosity of the prefabricated subfloor, with an elastic pore sealer (Vetonit Sport Putty) to avoid any surface defects in the final finish of Vetonit Sport UL375.

Sports Group

Shelf Life & Storage

The original sealed container of Saveto Sports UL375 has a shelf life of 12 months, provided it is stored clear of ground in a dry, shaded place between 5°C and 30°C.

If these conditions are exceeded, consult Saveto Technical Department for guidance.

Health & Safety

Exercise caution during use and storage of the product to prevent contact with the skin, eyes, or mouth. The application of the product must be carried out in well-ventilated areas to ensure adequate air circulation and minimize exposure to fumes or vapors. Proper personal protective equipment (PPE), including protective clothing, gloves, and eye/face protection, is essential to ensure the safety of the applicator.

In case of accidental skin contact, the affected area should be rinsed thoroughly with soap and clean water. In the event of eye contact, rinse the eyes gently and thoroughly with clean water for several minutes. Seek medical advice if irritation persists. In case of ingestion, seek medical assistance immediately and do not induce vomiting.

Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications.

For further information on these products and systems kindly check our website or contact your local Saveto representative.

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