

Sikafloor® PurCem Self-Leveling Broadcast System

Medium Duty Self-Leveling Polyurethane Screed Broadcast and Sealed finish of 3/16 – 1/4 in (4.5 – 6 mm)

Description Sikafloor 22NA PurCem is a self-leveling, medium to heavy duty, solid color, three-component, water dispersed polyurethane-based/cement and aggregate screed. It is designed to provide excellent resistance to abrasion, impact, chemical attack and other physical aggression. Sikafloor 22NA PurCem is broadcast with quartz aggregate to increase surface texture and slip resistance and typically sealed with Sikafloor 31NA PurCem. The system is typically installed at 3/16 to 1/4 in (4.5 to 6 mm) thickness

Where to Use

- Sikafloor PurCem is primarily used to protect concrete substrates.
- Typically used in food processing plants, wet & dry process areas, freezers & coolers, dairies, breweries, wineries, distilleries, laboratories, chemical process plants, pulp and paper plants, warehouses and storage areas.

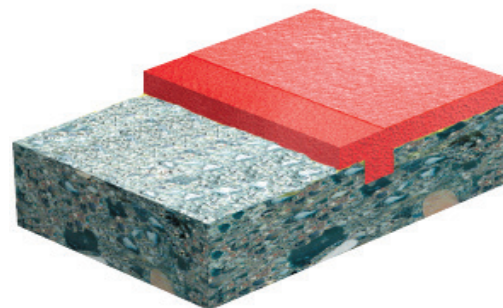
Advantages

- Can be applied onto 7 to 10 day old concrete after adequate preparation and where substrate has tensile bond strength in excess of 218 psi (1.5 MPa).
- Resists a very wide range of organic and inorganic acids, alkalis, amines, salts and solvents. Consult Sika Technical Sales for full details. Refer to the Sikafloor PurCem Chemical Resistance Chart.
- Similar coefficient of thermal expansion to concrete allowing movement with the substrate through normal thermal cycling. It will perform and retain its physical characteristics through a wide temperature range from -40°F (-40°C) up to 248°F (120°C).
- Bond strength in excess of the tensile strength of concrete, concrete will fail first.
- Non-taint, odorless.
- Behaves plastically under impact / deforms but will not crack or debond.
- High abrasion qualities result from its aggregate structure.
- Extra Expansion joints are not necessary; simply maintain and extend existing expansion joints up through the Sikafloor PurCem Flooring System.
- Achieves highest performance ratings according to ASTM G21 resistance to fungi and ASTM D3273 resistance to mold growth.

System Build Up

Coating	Product Name	Typical Thickness (mils)
Primer	Substrate priming is normally not required under typical circumstances. Substrate porosity/condition determines if primer/scratch coat is required	
Self-Leveling Mortar	Sikafloor 22NA PurCem + Broadcast to rejection	3/16" - 1/4"
Top Coat	Sikafloor 31NA PurCem	15

System Build Up Step Diagram



Industrial Flooring

The Sika logo consists of the word "Sika" in a bold, yellow, sans-serif font, set against a red triangular background. A registered trademark symbol (®) is located to the right of the text.

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