



PU FLOORING

Sikafloor® PurCem®

FLOORING SOLUTIONS FOR FOOD & BEVERAGE, PHARMA INDUSTRY AND
OTHER EXTREME SERVICE CONDITIONS - SELECTION GUIDE

BUILDING TRUST



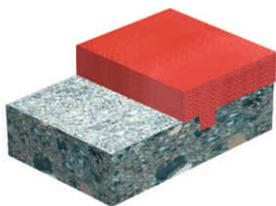
Sikafloor® PurCem®

Selection Guide



HEAVY DUTY

Easy trowel grade screed.

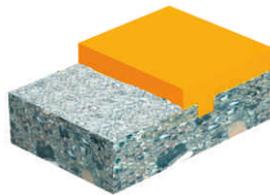


Sikafloor-20 N PurCem LP
Layer thickness:
6 - 9mm



SELF-SMOOTHENING

Mid to heavy duty smooth screed application.

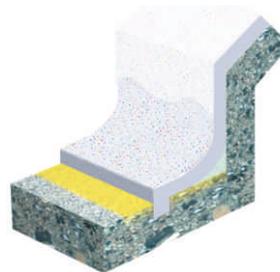


Sikafloor-21 N PurCem LP
Layer thickness:
3 - 6mm



DETAILING MORTAR

For coving and fixing.

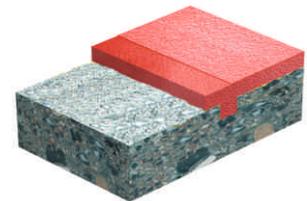


Sikafloor-29 N PurCem LP
Layer thickness:
3 - 9mm



TOP COAT

Also stand alone coating.



Sikafloor-31 N PurCem LP
Layer thickness:
0.20 - 0.25mm



RESISTANCE TO EXTREME SERVICE CONDITIONS

Sikafloor PurCem is suitable for use in areas subject to:

- Extreme hygienic conditions which require frequent and intensive, steam or hot water and chemically aggressive cleaning
- Wet or dry production processes
- Spillage of, or exposure to aggressive chemicals
- Highly demanding safety requirements concerning slip resistance
- Service temperatures up to +120 °C or down to -40 °C (at 9mm thick)
- Heavy point load (static)
- Frequent and heavy traffic
- Impact.

PERFORMANCE RELATED ADVANTAGES

- Regulation compliant. Approved for use in the Food Industry USDA, Canadian and British and EN Standard approvals, HACCP, ISEGA
- Excellent pot life
- Chemical and abrasion resistant
- Quick curing for reduced down time
- Thermal shock resistant
- Wide service temperature range
- Very easy cleaning
- Non slip
- Multiple finishes possible
- Non taint, odourless

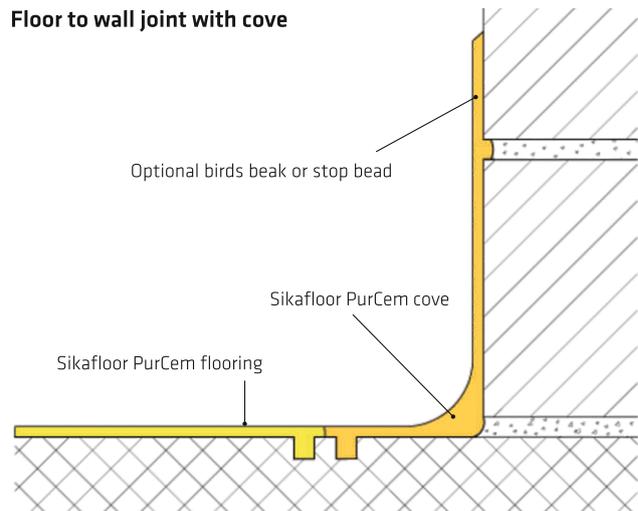
APPLICATION RELATED ADVANTAGES

- Extremely high workability increases laying speed and greatly reduces downtime
- Odour free and non-toxic
- Pre-dosed packaging with same resin / hardener ratio for all the screeds

- Generally no primer is required, allowing for single step applications which reduces downtime
- Tolerant to substrate moisture (<10%).

SYSTEM RELATED CRITERIAS

Floor to wall joint with cove



Detailing

- Floor Joints with Sikaflex Sealants
- Concrete patching and repair
- Coving, connections to gullies and other details, see Method Statement for Application.

High substrate moisture

Sikafloor PurCem Technology allows application on green concrete with upto 10% moisture. Please refer to the current Product Data Sheet

PROJECT RELATED REQUIREMENTS AND FUNCTIONS OF FLOORING SYSTEMS



For food contact.



Chemical resistance according to technical information. The Sika PurCem range offers high-end chemical resistance.



Slip resistance is always a question of surface design. The specific environment defines the limits. Various finishes can be achieved.



Permeability to liquids. Provides an impermeable seal protecting the concrete and the ground water from leakage of water and environmental pollutants.



Fire-resistant.



Mechanical resistance is defined by type (transport load, type of tyres, contact area) and frequency of exposure.



Resistant to thermal shock means that the coating system will not be negatively influenced by thermal exposure like ice, hail, steam cleaning or blast freezing. For steam cleaning, generally greater than 9 mm is required.



Impact resistance is related to the specific conditions of each operation. Allowance should be made for high point loads.



Neutral odour and VOC-free (water-based system).

SELECTION GUIDE

PRODUCT	DESCRIPTION
Sikafloor-20 N PurCem LP	Easy trowel grade, heavy duty, three part modified PU screed.
Sikafloor-21 N PurCem LP	Self-levelling grade, medium to heavy duty, three part modified PU screed.
Sikafloor-29 N PurCem LP	Hand trowel grade, medium to heavy duty, three part modified PU detailing mortar.
Sikafloor-31 N PurCem LP	Three part modified PU top coat or stand alone coating.

Sikafloor® PurCem® Colour Range

The available colours are : Beige, Cream, Green, Grey, Light Grey & Red. A selected range of colours are available upon request. Minimum order quantities apply. Please consult Sika for lead times.

FOR MORE FLOORING INFORMATION:



WHO WE ARE

Sika AG, Switzerland, is a globally active speciality chemicals company. Sika supplies the building and construction industry as well as manufacturing industries (automotive, bus, truck, rail, solar and wind power plants, façades). Sika is a leader in processing materials used in sealing, bonding, damping, reinforcing and protecting loadbearing structures. Sikas product lines feature high quality concrete admixtures, specialty mortars, sealants and adhesives, damping and reinforcing materials, structural strengthening systems, industrial flooring as well as roofing and waterproofing systems.

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