



SIKAFLOOR® PURCEM  
FLOORING SOLUTIONS FOR THE  
FOOD INDUSTRY AND OTHER  
EXTREME SERVICE CONDITIONS

BUILDING TRUST



# FLOORING SOLUTION FOR THE FOOD INDUSTRY AND OTHER EXTREME SERVICE CONDITIONS

## Sikafloor® Purcem

### 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
- Heavy point loads
- Frequent and heavy traffic
- Impact



### APPLICATION RELATED ADVANTAGES

Sikafloor® Purcem has a range of application advantages including:

- 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%). Application to green concrete - 7 days

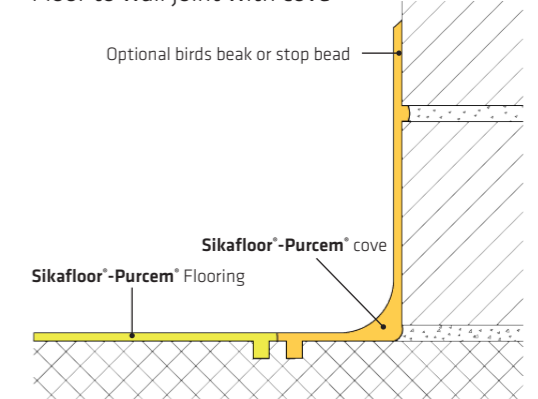


### PROJECT RELATED NEEDS AND THE FUNCTION OF FLOORING SYSTEMS

- For Food** Suitable for Food Contact
- Quick turn around time**
- Mechanical resistance** is defined by type (transport load, type of tyres, contact area) and frequency of exposure
- Chemical resistance** according to technical information. The Sika Purcem range offers high-end chemical resistance
- 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
- Slip resistance** is always a question of surface design. The specific environment defines the limits. Various finishes can be achieved
- Impact resistance** is related to the specific conditions of each operation. Allowance should be made for high point loads
- Permeability to liquids.** Provides an impermeable seal protecting the concrete and the ground water from leakage of water and environmental pollutants
- Neutral odour and VOC-free** (water-based system)
- Fire-resistant**
- Available in a range of colours**

### SYSTEM RELATED CRITERIAS

Floor to wall joint with cove



Detailing

- Floor joints with **Sikaflex® PRO-3 WF**
- Concrete patching and repair
- Cove, connections to gullies and other details, see Method Statement for Application.

#### HIGH SUBSTRATE HUMIDITY

On green concrete slabs, cementitious screeds or damp substrates, **Sikafloor®-EpoCem®** may be required. **Sikafloor®- Purcem®** technology allows application on concrete from 7 days of age.

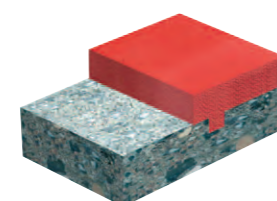
#### HEAVY DUTY

Easy trowel grade screed

Sikafloor®-20 Purcem®



Layer thickness 6 - 9 mm



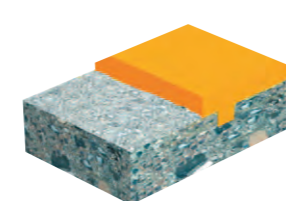
#### SELF-LEVELLING

Mid to heavy duty smooth screed

Sikafloor®-21 Purcem®



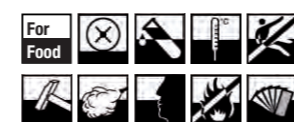
Layer thickness 3 - 6 mm



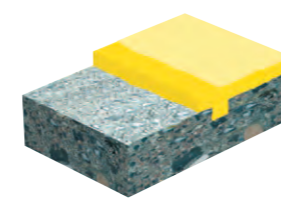
#### ANTI-SLIP

Mid to heavy duty self-levelling screed

Sikafloor®-22 Purcem®



Layer thickness 4 - 9 mm



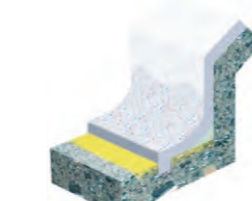
#### DETAILING MORTAR

For coving and fixing

Sikafloor®-29 Purcem®



Layer thickness 3 - 9 mm



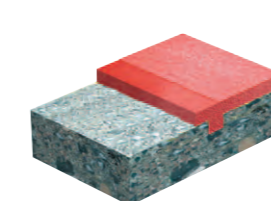
#### TOP COAT

A stand alone coating

Sikafloor®-31 Purcem®



Layer thickness 0.4-0.6 mm



# SIKA FULL RANGE SOLUTIONS FOR CONSTRUCTION:



**WATERPROOFING**



**CONCRETE**



**REFURBISHMENT**



**SEALING AND BONDING**



**FLOORING**



**ROOFING**

## FOR SIKA GCC INFORMATION:



[gcc.sika.com](http://gcc.sika.com)

### WHO WE ARE

Sika is a globally active specialty chemicals company supplying 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. Sika's 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.

Our most current General Sales Conditions shall apply.  
Please consult the Data Sheet prior to any use and processing.



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