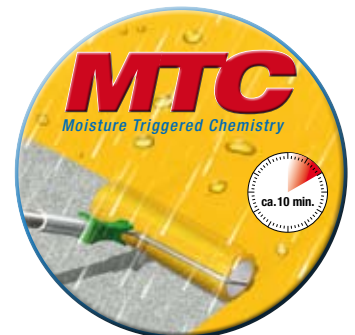




Sika[®]-Balcony

Sika[®] Flooring Solutions for Balconies, Terraces and Walkways

Selection Guide



Innovation & Consistency | since 1910

Sika® Flooring Solutions for Balconies, Terraces and Walkways Selection Guide

Balconies and walkways like all other parts of a property require maintenance.

Most of these balconies and walkways consist of concrete elements where, for lack of an efficient protection, water can penetrate and cause a weakness.

Sika developed a number of high quality balcony systems to avoid and solve this. Depending on the requirements a range of certificated systems with a multiple variation of decorative finishes are available.

Sika offers a complete solution for concrete balcony structures. For additional details see in the individual brochure or the data sheet.

■ Moisture Triggered Chemistry

Sikafloor® MTC Systems incorporate a unique technology that allows the material to use atmospheric moisture to trigger the curing process. This means the waterproofing membranes are capable of curing in a wide range of conditions. Soon after application (see stop watch) the freshly applied membrane will show no adverse reaction to water.

■ Concrete Repair

Protective sealers and coatings to prevent water/chloride ingress

■ Structural Strengthening

Composite materials for structural strengthening/reinforcing

■ Joint Sealing

Elastomeric joint sealants for expansion joints



Sika®-Balcony Premium

Etag 005 Certified Reinforced Waterproofing Balcony System



Exemplary system build up:

Primer:

Sika® Bonding Primer

Waterproofing:

First Coat:

Sikafloor®-405

Membran:

Sika® Reemat Premium

Second Coat:

Sikafloor®-405

Finishes:

Base Coat:

Sikafloor®-405

Fully broadcast with coloured Chips:

Seal Coat:

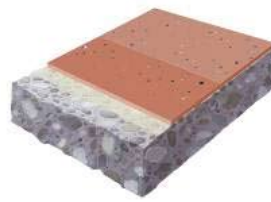
Sikafloor®-416

+ **Sika® Anti Slip** Agent

Total system thickness: **ca. 1,5–5 mm**

Sika®-Balcony Standard

Smooth Crack-Bridging Decorative Screed



Exemplary system build up:

Primer:

Sika® Sikafloor®-156/-161

Wearing course:

Sikafloor®-400 N Elastic

A one part, coloured, highly elastic, moisture curing polyurethane resin for self-smoothing systems (optional: sprinkled with coloured flakes).

Sealer:

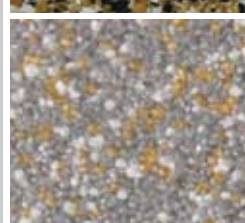
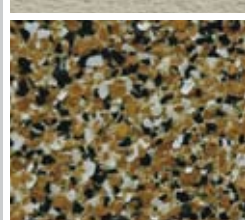
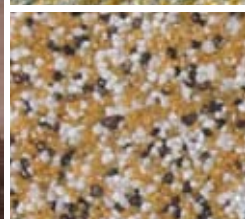
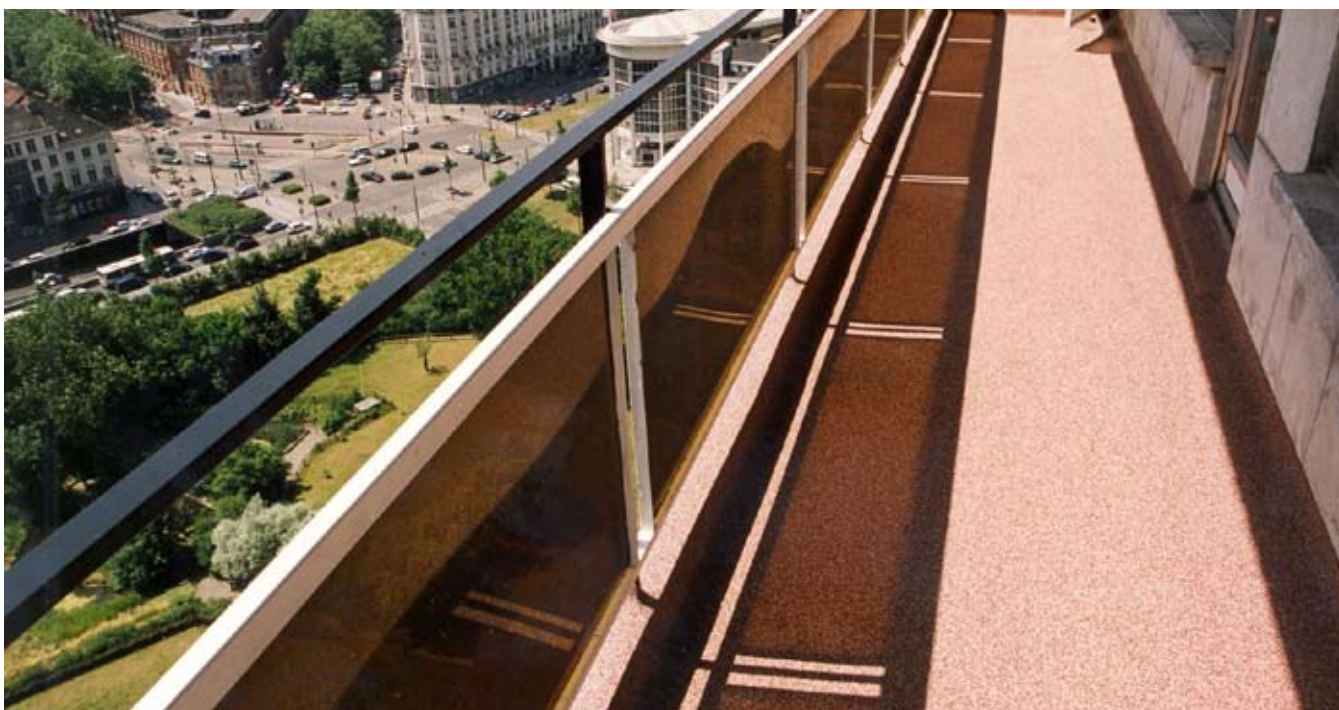
Sikafloor®-410

A moisture curing polyurethane matt sealer.

Total layer thickness: **approx. 1–2 mm**

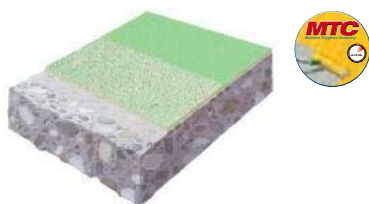
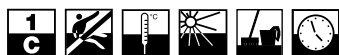
Total system thickness: **ca. 1,0–1,5 mm**





Sika®-Balcony Fast Cure I

Broadcast Fast Curing Screed



Exemplary system build up:

Primer:
Sika® Concrete Primer

First Coat:
Sikafloor®-415
+ **Sika® PU-Accelerator**

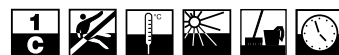
Second Coat:
Sikafloor®-415
+ **Sika® PU-Accelerator**
Broadcast with coloured quartz or natural quartz

Seal Coat:
Sikafloor®-415
+ **Sika® PU-Accelerator**

Total system thickness: **ca. 1,5–2 mm**

Sika®-Balcony Fast Cure II

Broadcast Fast Curing Crack-Bridging Screed



Exemplary system build up:

Primer:
Sikafloor®-10/-13 Pronto

Base Coat:
Sikafloor®-15 Pronto
An elastomeric 3-part binder for broadcast systems based on reactive acrylic resins.
Broadcast with coloured quartz or natural quartz.

Seal Coat:
Sikafloor®-18 Pronto
(Optional:
Sikafloor®-18 Pronto Pigments)

Total layer thickness: **approx. 2–4 mm**
Total system thickness: **ca. 1,5–2 mm**

Project Related Needs and Functions of Balcony Flooring

1 C The product consists of one component only. It has to be thoroughly mixed prior to the application!

Slip Resistance is always a question of surface design. The specific environment defines the limits.

Crack-bridging ability means, the coating system has enough elasticity to prevent cracking.

Thermal shock means, the coating system will not be negatively influenced by thermal exposure like ice, hail or warming up from sunshine.

UV-resistance and resistance to yellowing have to be fulfilled by all systems for outside use.

Easy cleaning means dirt could be removed by normal dry or wet cleaning methods.

Application where a minimum downtime or low temperature application is required.

Sika® Flooring Solutions for Balconies, Terraces and Walkways

Product	Packaging
Sika Bonding Primer 2-part, waterbased, epoxy primer	1,5 and 15 kg units
Sika Concrete Primer 2-part, rapid curing, high solids, solvent based polyurea primer	12 kg units
Sikafloor®-405 1-part, pigmented, highly elastic, solvent containing, UV resistant, moisture triggered curing polyurethane resin binder	5 litres (6,5 kg), 15 litres (19,5 kg) units
Sikafloor®-406 1-part, clear aliphatic, solvent containing, UV resistant, moisture triggered curing polyurethane resin binder	5 litres (5,5 kg) units
Sikafloor®-415 1-part, aliphatic moisture triggered polyurethane coating on carbonate base	5 litres (5,5 kg) units
Sika PU Accelerator Catalyst	60 g / 180 g
Sikafloor®-416 1-part, aliphatic, moisture triggered polyurethane	5 litres (5.15 kg)
Sikafloor®-156 2-part, total solid, epoxy primer, levelling mortar, mortar screed drums	2,5 kg / 10 kg / 25 kg / 180 kg
Sikafloor®-161 2-part, total solid, epoxy primer, levelling mortar, intermediate layer, mortar screed	30 kg / 220 kg drums
Sikafloor®-400 N Elastic 1-part, self-smoothing polyurethane resin, highly elastic	6 kg / 18 kg
Sikafloor®-410 1-part, elastic, self-smoothing polyurethane resin, solvent containing	3 liter / 10 liter
Sikafloor®-10 Pronto 4-part, total solid, reactive acrylic resin	21.2 kg units / 200 kg drums
SSikafloor®-13 Pronto 2-part, total solid, reactive acrylic resin	25 kg units / 200 kg drums
Sikafloor®-15 Pronto 3-part, total solid, self-smoothing screed, levelling mortar, reactive acrylic resin	25 kg units / 200 kg drums
Sikafloor®-18 Pronto 2-part, total solid, reactive acrylic resin	25 kg units / 200 kg drums

Also Available from Sika



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

