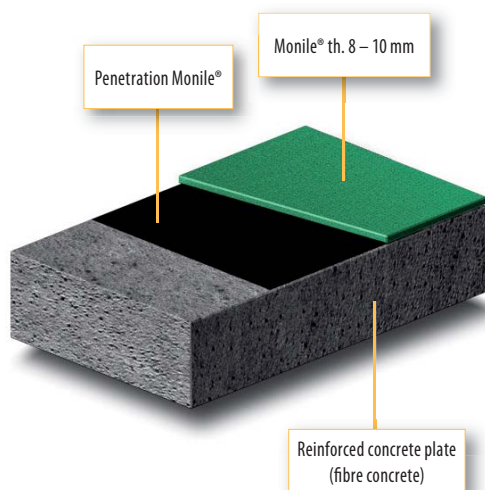




MONILE®

Monile® is a flooring material of extraordinary quality and highly above-standard technical parameters, suitable for redeveloping existing surfaces as well as for placing new flooring systems. The redevelopment technology allows the redevelopment of floors with extensive defects (cracks, splits, potholes and differences in height).



Composition

The material is on the basis of acrylic, water-borne copolymer with pigmentation admixture and additives. Its filling material is special grading of silica sands.



Advantages

- high pressure strength and tensile strength
- excellent technical parameters
- high resistance to abrasion
- possibility of redeveloping extensively damaged floors
- no need of insulation against soil moisture, unless prescribed so in the project
- may be applied to fresh concrete after 6 days incl. shot-blasting
- possibility of re-profiling (cementation) of uneven base in one layer, without risky interlayers, up to the thickness of ca. 5 - 6 cm
- continuous check of vertical alignment of the new floor during placing and re-profiling
- may be applied to wet surface in wet workshops
- high resistance to dynamic loading and effects of fall of heavy burdens
- high resistance to variations in temperature
- minimal sensitivity to climatic effects and variations in temperature
- absolutely dust-free surface
- absolute flame resistance
- absolutely hygienically unexceptionable
- high chemical resistance (urea, blood)

Adex Tachov poultry combine	1 725 m ²
Globus supermarket	2 230 m ²
Globus Opava meat department	890 m ²
Globus Pardubice meat department	900 m ²
Globus Prague-Cerny Most meat department	1 270 m ²
HAME Babice store	900 m ²
HAME Babice production shop	4 848 m ²
Meat combine Vimperk	2 210 m ²
Meat combine Krasno	2 130 m ²
Meat combine Krasno suspension plant	1 145 m ²
Meat combine Krasno Valasske Mezirici	750 m ²



▲ Bivoj Opava 2 500 m²

Meat combine Olomouc 2 565 m²
 Meat combine Plana 3 646 m²
 Meat combine Prochazka
 Roudnice n. Labem 1 250 m²
 Mattoni Carlsbad store hall 975 m²
 Dairy works Stribro 822 m²



▲
 Podebradka Podebrady filling
 plant 1 105 m²

Meat combine Vimperk 2 210 m²
 Meat combine Krasno 2 130 m²
 Meat combine Krasno suspen-
 der plant 1 145 m²
 Meat combine Krasno Valass-
 ke Mezirici 750 m²
 Meat combine Olomouc
 2 565 m²
 Meat combine Plana 3 646 m²
 Meat combine Prochazka
 Roudnice n. Labem 1 250 m²
 Mattoni Karlovy Vary store
 hall 975 m²
 Dairy works Stribro 822 m²
 Opavia Opava 1 070 m²
 Pasek Policka meat depart-
 ment 800 m²



- oil-resistant, water-resistant
- slip-resistance
- high adhesion to base
- possibility of execution of fillets
- very long service life
- colour fastness and monolithy of colour design
- possibility of differentiation of production and transport areas by various colours
- ease of cleaning
- daily productivity of placing in segments of 150 - 200 m² incl. fillets
- dry for stepping after ca. 24 hours after placing in dependence upon climatic effects (temperature)
- full chemical resistance (incl. water load) after ca. 5 - 7 days

Uses

- meat combines
- storage facilities
- breweries
- mechanical production
- walk-in refrigerators
- medium- to heavy-loaded premises
- outside ramps

Certificates

The following documents are available to the material **Monile**®:

- Certificate No. C-99-0412/A/Z issued by CSI a. s. Zlin,
- Declaration of Conformity issued per § 12 Section 2 of Law No. 22/1997 Coll., and § 5 of Statutory Order No. 163/2002 Coll.,
- Building-Technical Certificate No. STO-99-0575/A/Z issued by CSI a. s.,
- Statement on sanitary unobjectionability of products issued by SZU,
- Protocols No. 10556 and No. 8176 on testing of fire-technical characteristics issued by CSI a. s. Prague,
- Determination of content of natural radio-nuclides by VUSH Brno, a. s.,
- Testing protocol No. 190-003-062 issued by CSI a. s. Zlin.

Variants of surface finishes

Monile® Standard

Basic slip-resistant finish in several surface variants according to the selected technology of placing and the filling material grading.

Monile® Fine

Flooring material Monile with the use of lower grading of filling material and aggregates, final surface treatment with smooth surface structure, without protective varnishing or other final paint or penetration systems.

Monile® Plus

Surface treatment by water-borne epoxy varnish, offering the best aesthetic appearance, the easiest cleanability and almost smooth surface treatment with guaranteed slip-resistance.

Monile® QS

The floor surface is composed of thin-coat trowel-finished epoxy solvent-free resin with fine silica sand fraction.

Monile® Antislip

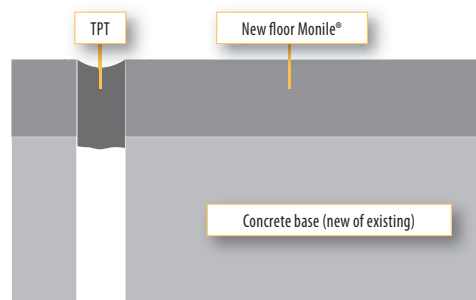
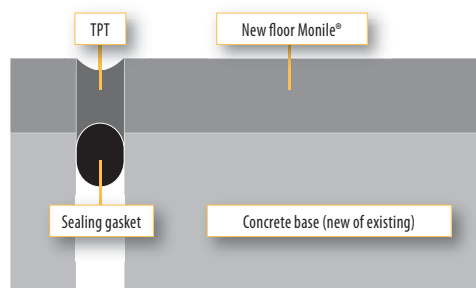
Highly slip-resistant finish, to be used for outside ramps, overrun descending planes, etc.

Monile® S-Finish

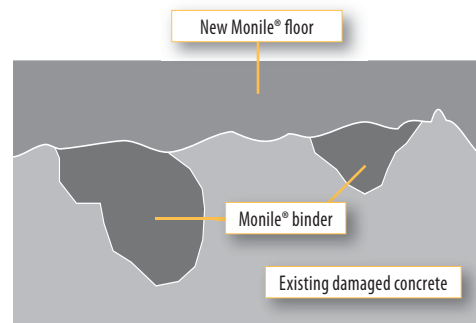
Final surface treatment by high-resistance epoxy varnish for chemically-loaded structures.

Design of construction and dilatation joints

The design and execution of dilatation units is based upon the existing raster of dilatation joints in the base and on the position of active joints and cracks, or the dilatation units are conducted simultaneously with the concrete plate and **Monile**® using the diamond technology in a raster according to the modular grid of the structure or according to the nature of the structure built. This technology eliminates creation of cracks in the floor surface because of accurate alignment of the dilatation in the concrete plate and the upper synthetic floor **Monile**®.



Base re-profiling



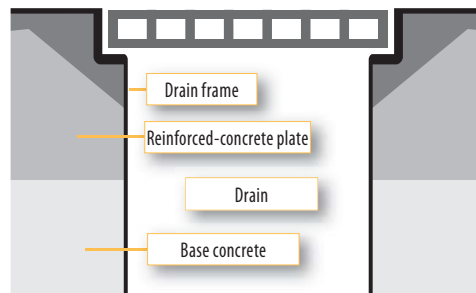


- Pilsner Urquell 1 416 m²
- Pilsner Urquell bottling plant 1 310 m²
- Podebradka Podebrady production shop 1 010 m²
- Santa Krnov store hall 1 214 m²
- Frozen-food plant Ocean Opava 1 030 m²
- Brewery Krusovice 1 400 m²

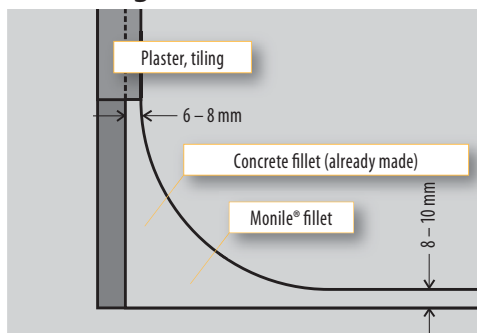


With respect to the thickness of **Monile**[®] being ca. 10 mm and more, the floor is capable of sustaining and transferring the loading into the concrete plate in a substantially lower extent as compared with the loading affecting the floor surface. This advantage is reflected in longer service life of the floor and especially in the possibility of redeveloping concretes with the strength of ca. 15 - 20 MPa.

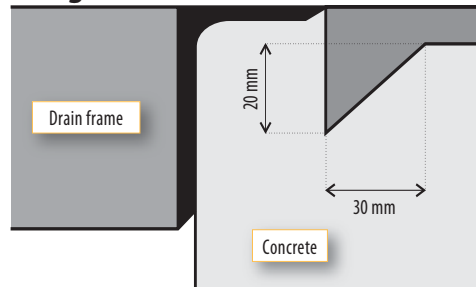
Detail of drain



Fillet design

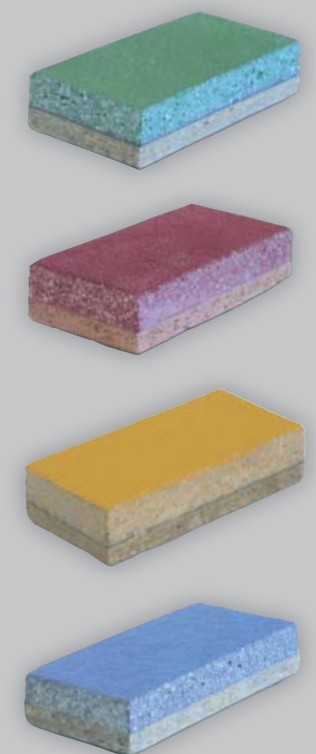


Design of drain connection



- ▲ Carlsbad mineral waters 2 800 m²





Technical data

Tensile-bend strength CSN 72 2450.....	16.5 MPa
Pressure strength CSN 72 2450.....	70.5 MPa
Abrasive quality CSN 73 1324.....	8.9 cm ³ /50 cm ²
Volume stability CSN 72 2453	0.28 mm/m
Water-tightness in 30 min. CSN 73 2578.....	0.06 l/m ²
Oil-tightness in 30 min. CSN 73 2578	0 l/m ²
Gripping CSN 73 2577	5.1 MPa
Coefficient of slipping CSN 74 4507	
dry	μ = 0.3
wet.....	μ = 0.3
oil	μ = 0.1, R 13
Fire resistance CSN 73 0862.....	A flame-resistant
Flame propagation index CSN 73 0863	is 0 mm/min.
Determination of radionuclides	conforming
Minimum application temperature	+10 °C
Sanitary unobjectionability.....	SZU Prague unobjectionable



Contact our dealers!

Company headquarters: 252 63 Roztoky, Souběžná 1443 • **Sales agency Opava:** K Rybníčkům 342, 747 81 Opava-Otice, tel./fax + 420 553 791 311, + 420 553 791 321, + 420 553 791 331, + 420 553 791 323, e-mail: techfloor@techfloor.cz • **Sales agency Zlín:** nám. T. G. Masaryka 588, 760 01 Zlín, tel. + 420 577 430 706, +420577435760, +420577435786, fax +420577430706, e-mail: zlin@techfloor.cz • **Sales agency Prague:** Ke Kamýku 21, 14200 Prague 4, tel./fax +420241471191, +420241470017, e-mail: prague@techfloor.cz • **Sales agency Prague:** Dolnojiřčanská 32, 142 00 Prague 4, tel. + 420 244 471 525, + 420 244 471 526, fax + 420 244 471 526, **Sales agency Brno:** Tuřanka 115, 627 32 Brno, tel./fax: + 420 548 183 197, e-mail: brno@techfloor.cz

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