

ADINGFAVORIT

Acrylic floor finish product used as decorative finish on floors and sports floors applied on top of asphalt or concrete substrates

FILED OF APPLICATION

Adingfavorit is a high-quality acrylic floor finishing product that is ideal for construction of indoor and outdoor sports grounds for recreational purposes, such as sports grounds for playing tennis, volleyball, futsal, basketball, etc. It is also used as decorative finish on pedestrian and cycle lanes, squares, terraces, etc. The durable colours provide an added value to the building by emphasizing the treated surfaces as an element of the architectural design.

PROPERTIES

- Excellent adhesion, especially to asphalt substrate;
- Abrasion and UV resistance;
- Solvent-free and non-toxic;
- Watertight;
- Decorative – available in various colors and shades;
- Jointless – floor system without any joints;
- Economical and easy to apply;
- Easy to maintain.

TECHNICAL FEATURES

Property	Method	Declared value
ADINGFAVORIT putty (ADINGFAVORIT glet) :		
Apperance	A component	-
	B component	-
Density	EN ISO 2811-1	black paste filler (1300 ÷ 1350) kg/m ³
<u>Adhesion strength</u> concrete	EN 13892-8	≥ 0,5 MPa
ADINGFAVORIT coloured (ADINGFAVORIT boen) :		
Apperance	-	coloured paste-like compound
Density	EN ISO 2811-1	(1800 ÷ 2000) kg/m ³
<u>Impact resistance</u> concrete	EN ISO 6272-1	no cracks
asphalt		no cracks

SUBSTRAT PREPARATION

ADINGFAVORIT is intended to be applied on top of asphalt and concrete substrates. In terms of application, asphalt substrate is recommended as more appropriate than concrete substrate because it allows for the construction of large surfaces without expansion or construction joints, better monitoring of deformations due to temperature differences and subsidence of the subsoil during use, more precise formation of slopes, material waterproofing properties and much lower cost for construction in comparison to reinforced-concrete substrates. The surface on which ADINGFAVORIT is to be applied should have appropriate slopes with an inclination of min. 0.5% and proper drainage – draining away rainwater. If the substrate is part of a sports ground, attention should be paid to the direction of the slope in order to observe certain norms required by the respective sport. Allowed deviation from the floor levelness is 2mm/2m.

The thickness of the substrate should be properly dimensioned and without any cracks on the surface.

Asphalt: the asphalt substrate should be at least 14 days old.

Concrete: The concrete substrate should be protected against moisture penetration and be provided with a waterproofing system. Vapour barrier should be installed under the structure and the finishing should be applied by using a wooden trowel or a brush. The finish may not be applied by using steel trowels (power floats). If there is laitance on the concrete substrate or if the substrate has a rougher texture, i.e. is uneven, it should be levelled by means of grinding with a grinding machine.

APPLICATION

Before applying the ADINGFAVORIT system, it is necessary to ensure the following conditions:

- the substrate should be grease-free and dust-free;
- ensure protection against rain and wind within 24-48 hours;
- the outdoor mean temperature should be above +15°C and it should have a rising pattern (up to 35°C);
- substrate temperature should not be above 35°C.

If there are any depressions on the surface, they should be levelled. Levelling should be carried out with a compound made of:

- Vrska-U (U-Bond) 1kg
- Cement 1kg
- Dry quartz sand (300µ-800µ) 3kg

Before filling in the depressions, in order to ensure good bonding of the levelling compound, the surface of the depressions should be covered with a solution made by mixing 1 part Vrska-U (U-Bond) and 2 parts water. The levelling compound can then be applied on the sticky solution that covers the surface. Once all previous preparations have been made, the ADINGFAVORIT system can be applied.

PRIMER V (see Primer-V technical datasheet for more details)

PRIMER V should be applied by using a brush or a paint roller. It should be applied in one layer, and depending on temperature conditions and substrate porosity, it can be diluted with water in the following ratio: one part Primer V and three parts water.

ADINGFAVORIT putty (ADINGFAVORIT glet)

ADINGFAVORIT putty is applied within 1-2 hours following the application of Primer V. The material is prepared in the following manner:

- ADINGFAVORIT putty A: B = 1: 1.8
- Water (depending on temperature): 1.5 – 2.0 l.

The components should be mixed with a mechanical mixer (300-400 revolutions/min.) until a completely uniform mixture is obtained. The mixture should be poured and spread away to form a uniform layer by using a rubber trowel.

ADINGFAVORIT coloured (ADINGFAVORIT boen)

After complete hardening of ADINGFAVORIT putty (at least 24 hours at 20°C) and removal (levelling) of potential uneven spots, the finishing coat of ADINGFAVORIT coloured should be applied in two layers. The compound should be mixed with a mechanical mixer (300-400 revolutions/min.), then poured and spread away to form a uniform layer with the same thickness by using a rubber trowel. It should be applied in 2-3 layers. Each new layer should be applied once the previous layer has completely dried.

Drying time at t=20°C is 30 minutes to 1 hour.

Ready for use (at t=20°C): after 48 hours.

If it is necessary to mark the newly constructed floor, it should be done by using the acrylate based paint ADINGMARKER.

MAINTENANCE

The durability of the floor depends on its proper maintenance. It is best to clean Adingfavorit floors mechanically by using rotating soft brushes with a mild solution of detergents dissolved in water. If local mechanical damages occur, it is necessary to repair them to avoid spreading.

CONSUMPTION

Primer V:		0,15 – 0,25 kg/m ²
Adingfavorit – putty:		0,80 – 2,00 kg/m ²
Adingfavorit – colored:	(for two layers)	1,00 – 1,20 kg/m ²

CLEANING

The tools and equipment should be cleaned with water immediately after use. During application, from time to time, it is necessary to clean the trowels from the dried material residues.

PACKAGING

Adingfavorit putty set of 50 kg
Adingfavorit coloured plastic containers of 25 kg

STORAGE

In the original packaging, at temperature between +5°C and +35°C, protected from exposure to direct sunlight and frost. Shelf life: 9 months.

STANDARD COLOURS

Adingfavorit red
Adingfavorit green

Note: Other colors can be made with a minimum order of 100kg

Health hazards: Avoid contact of the product with skin and eyes and avoid direct inhalation. In case of accidental contact of the product with the skin, remove it immediately with water and soap. If the material splashes into the eyes, immediately rinse the eyes with plenty of water and seek medical advice. If swallowed, seek medical assistance.

Fire: Adingfavorit is non-flammable.

Cleaning and disposal: Loose residues of Adingfavorit should be cleaned with water. The old and used packaging should be disposed of in accordance with local regulations for that type of waste.

We recommend that the manner of application and the necessary quantities should be adjusted to the conditions of the building, as well as mandatory use of appropriate equipment.