

ADINGFAVORIT

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

Field 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 colours 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): | | |
| Appearance | A component | black paste |
| | B component | filler |
| Density | EN ISO 2811-1 | (1300 – 1350) kg/m ³ |
| ADINGFAVORIT coloured (ADINGFAVORIT boen): | | |
| Appearance | - | coloured paste-like compound |
| Density | EN ISO 2811-1 | (1800 ÷ 2000) kg/m ³ |
| Adhesion strength concrete | EN 13892-8:2003 | ≥ 1,5 MPa |
| <u>Impact resistance</u> | EN ISO 6272-1:2011 | |
| concrete | | no cracks |
| asphalt | | no cracks |
| <u>Water permeability</u> | EN 1062-3:2008 | |
| porous surface | | ≤ 0,1 kg·m ⁻² ·h ^{-0,5} |
| concrete | | ≤ 0,1 kg·m ⁻² ·h ^{-0,5} |
| asphalt | | ≤ 0,1 kg·m ⁻² ·h ^{-0,5} |

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 more rough 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 leveled. Levelling should be carried out with a compound made of:

-Vrska-U (U-Bond) 1kg-Cement 1kg-Dry quartz sand (500µ-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 – 2.0l.

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 to three layers.

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.

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 acrylic resin-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: | 0.30 – 0.35 kg/m ² |
| Adingfavorit-putty: | 0.80 – 2.00 kg/m ² |
| Adingfavorit-coloured: first layer | 0.40 – 0.45 kg/m ² |
| second layer | 0.30-0.40 kg/m ² |
| third layer | 0.20 – 0.30 kg/m ² |
| Adingfavorit-coloured: | 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.

Packing:

| | |
|-----------------------|-----------------------------|
| 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 dark green; Adingfavorit light green; Adingfavorit dark blue; Adingfavorit light blue; Adingfavorit orange; Adingfavorit grey