FINALITH®

Two-component system

Applications

- Paint and varnish
- Thin-coated (0,5 to 2/3 mm)
- Protective courses (5 to 10 mm and more)

Qualities

FINALITH® is the ideal product used for industrial flooring with very high demands and often of a specific nature. FINALITH® can further be used as mortar for the repair work of concrete floors and concrete constructions, as an impregnating product for the protection of concrete floors against dust and wear-and-tear, as paint that will meet the highest demands, and other applications. FINALITH® can be delivered "made to measure", meaning that in the event no solution is readily available for the problem at hand with our standard types, we will provide a composition especially adapted to the situation. With FINALITH®, our laboratory will guarantee you the best possible solution for processing the product and for what aggregates to be used.

In our formulations we, at all times, keep the following factors in mind:
1. Chemical resistance;
2. Mechanical resistances;
3. Desired finishing and execution;
4. Short installation time;
5. Favourable cost price.

1. High chemical resistance against chemical reagents, lubricants, fruit juices, alcoholic beverages, preserves, vegetable and animal oils, soap, glycerin, seawater, dish water, corrosive vapours, ... FINALITH® coatings demonstrates very great resistance against bases, diluted acids, salts, oils, water, and a host of solvents.

Some chemical resistances:

	Weight loss in % after X days of immersion					
REAGENTS	**7**	**14**	**50**	**75**	**150**	**300**
Formalin 30 %	0,30	0,30	0,60	0,80	1,40	1,56
Xylene	0,20	0,30	0,40	0,50	1,24	1,37
Fuel oil	0,05	0,11	0,20	0,20	0,32	0,30
Tetra	0,02	0,06	0,10	0,20	0,22	0,40
Per	0,30	0,30	0,40	0,60	1,00	1,21
Water	0,30	0,40	0,70	1,10	1,80	1,96
Seawater	0,30	0,40	0,70	1,00	1,60	1,90
NaCl-solution 5 %	0,30	0,40	0,70	1,00	1,70	1,93
Lactid acid 10 %	2,60	2,90	4,10	4,50	5,40	5,71
Sulphuric acid 10 %	0,60	0,70	1,30	1,80	3,10	3,44
Hydrochloric acid 10 %	0,40	0,40	0,60	0,80	1,50	1,66
Acetic acid 10 %	2,50	2,80	4,20	5,10	5,70	6,00
Ammonia 25 %	0,30	0,40	0,90	1,30	2,30	2,40
Caustic soda 10 %	0,30	0,30	0,60	0,90	1,70	1,89

2. Excellent mechanical resistances:
- Compressive strength exceeding 80 N/mm^2;
- Flexual resistance exceeding 25 N/mm^2;
- Tensil resistance exceeding 20 N/mm^2;
- Great shock resistance;
- Excellent adhesion and elasticity;
- Good resistance against cold and heat exchange between - 20°C and + 100°C;
- FINALITH® (hardened) is non-flammable.

3. Desired finish and execution:
- surface treatment: thin (to 400 / 500 µ) and non-porous;
- "self-levelling" : 2 - 3 mm, smooth finish and levelling.
- anti-skid: 2 - 3 mm to 5 - 6 mm, from roughened to anti-skid mortar and concrete; thickness as preferred, from roughened to anti-skid.

The above product comes in a natural neutral tone or coloured finish (different colours available).

4. Short installation time:
At +20°C:
- for pedestrian traffic: ready for access after a 12 - 24 hour interval;
- for intensive traffic: access after 3 days.

After 7 days, maximum chemical resistance.

5. Favourable cost price:
Because of its durability and its exceptional properties, FINALITH® is often laid down in very thin layers.

Special applications

1. Used in the repair, re-enforcement, covering, and painting of industrial floor surfaces, metal constructions, ... , in plant workshops, storage spaces, garages, fridges, silos, etc ...
2. For protective coating and jointing work in textile plants, dairy farms, breweries, sugar mills, slaughter houses, chemical factories, laboratories, ...
3. For removal of dust from and treatment of walls and floors in plastics production halls, warehousing in the food industry, corridors and hallways, halls, etc ...

General

1. Preparing the substrate:
The substrate must always be completely dry, free of dust and oil or grease, and neutral. It should further possess appropriate mechanical resistance. Metals must be scoured clean of rust or other oxidised coating. Sand blasting or a thorough treatment with a steel brush is highly recommended in all instances. Paint and mortar remains should be removed from floors, walls, and ceiling surfaces.

2. Execution :
Directions are provided that are adapted to each separate circumstance and condition. The special packaging allows for a simple processing, eliminating the need for extensive weighing and measuring.

3. Temperature and curing time :
The processing time of the compositions is approximately 30 minutes at +20°C.
The minimum processing temperature is +12°C. At room temperature (+20°C) higher resistances are obtained (special compositions for low temperatures).

Precautions

Component A: Irritating to eyes and skin. May cause sensitization by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Keep locket up. Keep out of the reach of children. After contact with skin, wash immediately with plenty of water. Wear suitable gloves and eye/face protection. This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Refer to special instructions/ Safety data sheets.
Component B: Harmful in contact with skin and if swallowed. Causes burns. May cause sensitization by skin contact. Keep locket up. Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). This material and its container must be disposed of as hazardous waste.

Refer to clause p. 2.