

An acrylic, solvent based curing and priming preparation.

Product characteristics	MELAXIL is a colourless solvent based solution of a special acrylic resin. It is a preparation which cares surfaces of new concrete floors while priming. Applied to newly finished, cured surface, it forms a thin and dense film. The concrete surface pores are clogged and the evolution of the mixing water is reduced, which in turn protects and secures the flooring. Non-degrading, it bonds permanently with the structure of concrete floor, sealing and improving it at the same time. MELAXIL not only seals the floor, but makes it to have a durable, glossy surface of the concrete.
Use	As a caring and priming agent for concrete industrial floors
Properties	<ul style="list-style-type: none"> Concrete penetrating, Dust-proofing, Protecting against carbonization, Seals concrete surfaces, Cares concrete, Resisting UV degradation (protecting against yellowing), Limiting microcracks, Adjusts the porosity of the concrete surface, Easy to apply.
Melaxil Technical Specifications	
Composition	Acrylic resins, solvents, modifying agents.
Performance	1 litre per 10 to 12 m ² , per single coat
Application temperature	Min. 5°C
Drying time at temperature of 20°C	Touch dry 2 - 4 h, fully dry 24 hours, at lower temperatures the time is longer
Effectiveness of the water evaporation braking process	Ca. 75 %
Package	Plastic cans 20 l, barrels 200 l
Density	850 g/cm ³
Certifications	PZH HK/B/1334/01/2011
Application	
Substrate preparation	Prior to application of MELAXIL, the floor surface must be clean and free of standing water. The agent is intended to be used immediately after the final trowelling of the concrete surface. In order to control the usage of the product, the floor surface shall be divided into areas that are appropriate for application.
Application temperature	Best application temperatures are between 10°C and 25°C. At temperatures below 10 °C, the evaporation of the carrier and creation of an active substance can be delayed, resulting in a coating with worse properties. Application below 5°C does not guarantee the desired result.
Insolation	Strong wind and direct sunlight, may accelerate the evaporation of the carrier which negatively influences the penetration depth.
Application	<ul style="list-style-type: none"> Before using, MELAXIL must be thoroughly mixed, MELAXIL shall be sprayed on the newly made concrete floor immediately after the last concrete mechanical troweling operation. At very low air humidity, strong sunlight, or strong draughts, you shall protect the floor against too quick drying up, Apply the preparation once only, with a thin layer, avoiding the formation of puddles, Excessive amount of MELAXIL, which did not penetrate the floor, will create a "thin film", which over time will be worn off during usage. This has no negative effects on the mechanical properties of the floor. Cutting expansion joints and exposing the sealed but not dried up surface to water or oil may cause localized discolorations, Too thick layer of MELAXIL shall cause darker discoloration on the surface of the floor, because in those places the floor will slowly give moisture. The above layer of soil can easily get dirty and visible traces from rubber tires and other contaminating factors can be easily preserved on it. Too thick coating can also peel on the surface of the flooring. Due to the small thickness of MELAXIL ECO its abrasion and formation of a layer of loose dust on the flooring surface must be expected.
Comments and recommendations	
Health and safety conditions	Store up to 6 months in a ventilated, dry, cool place at temperatures above 0°C, in original sealed packaging. Use only in well ventilated rooms away from fire. Avoid breathing vapours and contacting with skin and eyes. For cleaning tools, use xylene or acetone. Detailed information on health and toxicological properties are available in the Material Safety Data Sheet, available upon request.
Final remarks	<p>The included technical specifications are based on laboratory tests. Actual measurements results may vary from the enclosed ones, due to circumstances beyond the control of Sicon LTD. All information is provided in good faith, taking into account the current state of the art and the experience gained. The product documentation provides for general information applicable under certain conditions. It is recommended that before using the product on a large scale, the purchaser tests it under specific construction environment conditions. The supplier has no control over the use, methods of application and execution conditions occurring at the construction site, and therefore no responsibility of the supplier for the final effect of the application may arise from these instructions. The use of Melaxil excludes the application of other coatings on the surface of the flooring. Recommendations of Sicon partners that differ from the information included in the Safety Data Sheet shall apply only in the case of their written confirmation.</p> <p>Date of issue: 01/2016</p> <p>All previously issued Melaxil safety data sheets shall expire on the date of issue of this sheet.</p>