

ESTILPOX DPM



PRODUCT INFORMATION

Special primer based on water-free 2-component epoxy resins and solvents that offers a double benefit:

- Applied in one coat acts as a primer.
- Applied in 2 layers, its function is that of a Vapor Barrier.

Waterproofs against water and steam. Good adhesion. Tolerates relative humidity greater than 100%. odors.

Easy to apply Excellent mechanical and physical properties. Reduces the time to cover new concrete. No solvents or odors.

TECHNICAL DATA OF APPLICATION

Application area	It is applied as a protective layer prior to the installation of synthetic coatings, specially designed for concrete supports that present humidity of up to 100%, allowing young concrete to be coated with conventional resins. Radiant floors, mortars, decorative floors, imitation of terraces, floors for parking lots, waterproof, anticorrosive ... to name just a few examples. Our goal is to satisfy the needs of each type of area with the soil that best suits it.	
Base requirements	The base concrete must have a minimum resistance of 25 N / mm ² , free of dust and all types of contamination. It should be dry to 75% RH per BS8204 and free of moisture or water pressure that can rise to the surface. In this case, you can incorporate the Microestil Estilpox DPM primer; before applying the coating	
Coatings	Cement-based finishes can be applied directly over the Estilpox. If an aggregate-based dusting has not been applied, the coating should be applied within 24 hours after applying the Estilpox.	
Conservation	One year from its date of manufacture, in its original package, unopened, indoors and avoiding frost and direct exposure to the sun.	
Product life	Estilpox DPM is practically a permanent membrane under the coating, as long as there is no severe damage to it, no structural movements of the concrete or thermal changes above 50°C.	
Package	Componente A 8,5 Kg	Componente B 3,5 kg
One coat application	On wet concrete. 1st layer of Estilpox DPM from 0.4 kg / m ² to 0.5 kg / m ² . 2nd layer: Estilpox DPM from 0.22 kg / m ² to 0.5 Kg / m ² Sandblasting of the primer is recommended. Aggregate dusting: For a cementitious finish: Siliceous sand of (0.4-0.9 mm) at 0.5 kg / m ²	
Use	2 coats spread with a rubber brush on a perfectly clean and vacuumed concrete surface. Installation must be done by an approved installer to ensure system quality. Thickness: 0.5mm. Silica sand of (0.4-0.9 mm) at 0.5kg / m ² is recommended for a cementitious finish.	

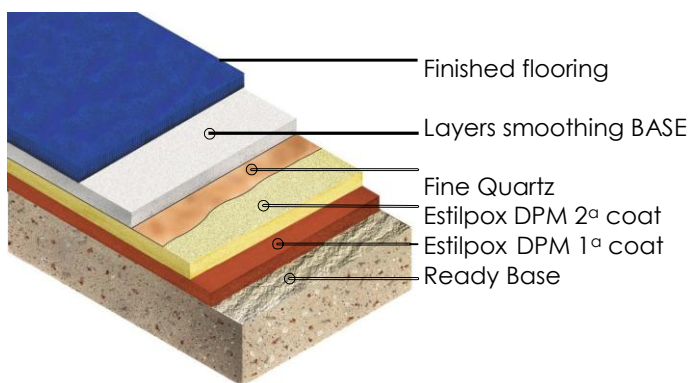


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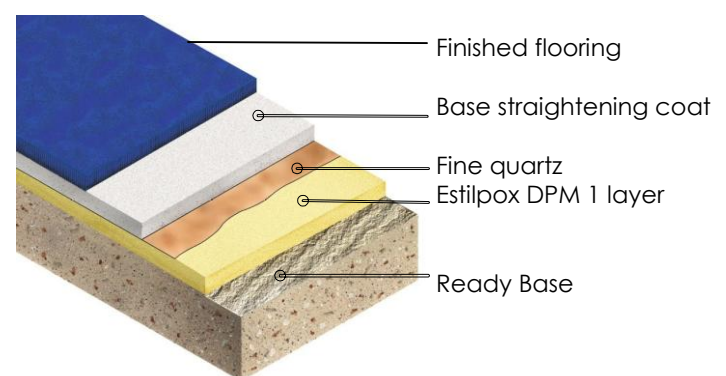


Technical data	Vapor Barrier: 5 gr / m ² / 24 hours (ASTM E96: 90) Water permeability: Nil - Karsten Test (Waterproof) Compressive strength:> 50 N / mm ² (BS6319) Flexural strength: 20 N / mm ² (BS6319) Tensile strength: 15 N / mm ² (BS6319) Peel strength: Greater than the cohesive strength of 25 N / mm ² of concrete> 1.5 Mpa. According to the FeRFA classification in its category 3.			
Application conditions	The temperature limits for your application must be between + 10°C as minimum temperature and + 30°C as maximum temperature. The maximum relative humidity of the air should be 70%. The temperature of the substrate should be at least 3°C above the dew point.			
Curing time		10° C	20°C	30°C
	Light traffic	60 min	35 min	20 min
	Heavy traffic	24 hs	18 hs	12 hs
	Full performance	72hs	48 hs	36 hs
The tests carried out have been carried out at a temperature of 20°C and a humidity of 50%.				
Consideración con el medioambiente	The finished system does not present any risk to the environment or health. The vapor barrier that is obtained with the Estilpox DPM-based seal increases the life expectancy of the floor and reduces the need for repairs.			
Warranty	Microestil products are guaranteed against manufacturing defects and are sold according to the conditions of sale that can be obtained upon request.			

TYPICAL SECTION OF THE ESTILPOX DPM SYSTEM



TYPICAL SECTION OF THE ESTILPOX DPM SYSTEM IN 1 LAYER



Note: This technical data sheet serves, like all other recommendations and technical information, only to describe the characteristics of the product, how to use it and its applications. The data and information reproduced are based on our technical knowledge obtained in the literature, laboratory tests and in practice. The data on consumption and dosage that appear in this technical sheet are based on our own experience, so these are susceptible to variations due to the different conditions of the works. The actual consumptions and dosages must be determined on site, by means of previous tests and are the responsibility of the client. For additional advice consult our technical service. Microestil Cement, s.l. reserves the right to modify the composition of the products, as long as they continue to fulfill the characteristics described in the technical sheet. Other applications of the product that do not conform to those indicated, will not be our responsibility. We grant a guarantee in the event of manufacturing quality defects of our products, excluding additional claims, being our sole responsibility to re-enter the value of the merchandise supplied. This data sheet loses its validity with the appearance of a new edition.