

Technical Data Sheet

ACE EPOPRIMER WET

DESCRIPTION

High-performance epoxy primer, 100% solids and solvent-free, designed to promote adhesion of waterproofing or flooring coating systems from the ACEFLOOR and ACE WATERSHIELD range that do not allow moisture in the substrate.

The ACE EPOPRIMER WET system can be used on ceramic or concrete substrates with high residual moisture, but not on surfaces with standing water, and it performs well under negative water pressure conditions.

USES

- Structures with wet or green concrete
- Swimming pools and balancing tanks
- Water tanks and all types of underground structures

TECHNICAL CHARACTERISTICS

PROPERTIES	A COMPONENT		B COMPONENT	
Physical state	Líquid		Líquid	
Color	Grey		Transparent	
Density	1,4-1.5 g/cm3		1 g/cm³	
Viscosity (Brookfield)	Temp (°C)	(mPa.s)	Temp (°C)	(mPa.s)
	30	30000-50000	30	200
Pot life (100 g mass)	Temp (°C) 25		Time (minutes) > 45 min	
Mixing ratio (by weight)	A=100gr + B=25gr =125 gr mezcla			
Initial drying time	4 -5 hours			
Final drying time	12- 24 hours			
Full curing	7 days			
Recoating time	24-48 hours			
Recommended consumption	400 – 500 g/m² per coat, up to 2 coats may be required depending on substrate conditions (Time between coats: minimum 4 hours – maximum 24 hours)			

Technical Data Sheet

ACE EPOPRIMER WET

SUBSTRATE PREPARATION

Pay attention to ambient moisture condensation. Both the substrate and the primer, before final curing, must be at least 3°C above the dew point to prevent surface condensation.

Substrates must be structurally stable before primer application (minimum compressive strength 250 kg/cm²). Weak areas must be repaired properly.

They must also be clean and free of contaminants such as: Dirt / Oil / Grease / Paint / Surface treatments

For mechanical cleaning, the following methods are recommended: Sandblasting / High-pressure water jet / Shot blasting / Scarifying

APPLICATION

Both components of the primer must be kept in their original tightly sealed containers. Avoid contact of the products with oxidizable materials such as: Copper, Brass or similar metals and PVC plastics when using dosing equipment.

If separation or sedimentation is observed when opening the container, mechanically mix until a homogeneous mixture is obtained.

Before mixing both components, homogenize each component separately. Then add Component B (catalyst) to Component A (resin) and mix using a low-speed mechanical mixer (~400 rpm) for at least 3 minutes until a uniform mixture is obtained.

The color of the applied ACE EPOPRIMER WET system may show slight tone changes when in contact with certain chemicals or when exposed to UV radiation, without affecting the physical-chemical resistance properties of the material.

The curing time of the adhesive depends on temperature and humidity conditions. Higher temperatures and lower humidity accelerate drying.

The product can be applied using: roller, manual trowel or brush.

CLEANING OF TOOLS

To clean tools, dosing machines, and application equipment, it is recommended to use ECOSOLV CLEANER, or organic solvents such as: Acetone/ Light aromatics/ Butyl acetate
Always follow the solvent manufacturer's safety and handling instructions.

Technical Data Sheet

ACE EPOPRIMER WET

PACKAGING

SET: 20 kg metal can (Component A) / 5 kg plastic container (Component B)

STORAGE AND HANDLING

Store between 10°C and 30°C. protected from moisture and away from heat and direct light

Expiration: 12 months from manufacturing in its original packaging

After application, containers must be kept tightly closed and no waste should be discharged into drains.

The disposal of empty containers shall be carried out in accordance with current environmental legislation and is the responsibility of the holder.

IMPORTANT INFORMATION AND SAFETY PRECAUTIONS

These chemical products are exclusively for PROFESSIONAL USE.

Use: Protective gloves and safety goggles according to the Safety Data Sheet (SDS) requirements. In liquid form (before full curing), both the product and cleaning solvents contaminate water. They must not be discharged into drains or soil. Local regulations must be followed.

Read and understand the Safety Data Sheets before use and follow their instructions regarding: Use, handling, storage and transport

WARRANTY AND LIMITATIONS OF LIABILITY

Ace Coatings exclusively guarantees that the quality of the product complies with the declared specifications at the time of production and that the product is delivered free of any legitimate third-party claims for misuse of U.S. patents associated with the product.

Ace Coatings disclaims any other express or implied warranties provided by law or trade practices, including but not limited to any warranty of fitness for a particular purpose or use.

Any claim submitted under this warranty must be made by the purchaser directly to Ace Coatings in writing within a maximum of 5 days from the detection of the defect, and in no case beyond the product's expiration date, or, in any event, no later than 1 year from the date of delivery of the product to the purchaser (the earlier option shall prevail). The purchaser shall not be entitled to

Technical Data Sheet

ACE EPOPRIMER WET

enforce the warranty if the non-conformity is not notified to Ace Coatings in the manner indicated. Under no circumstances shall Ace Coatings be held liable (including any type of negligence, strict liability, or damages) for any indirect, special, incidental, or consequential damages related to, arising from, or resulting from any use of the product.

The information contained in this document is provided for guidance only and is based on laboratory tests that Ace Coatings considers reliable.

Ace Coatings reserves the right to modify the information contained herein at any time as a result of practical experience and ongoing product development. All recommendations or suggestions concerning the use of Ace Coatings' products, whether provided in technical documentation, in response to a specific inquiry, or otherwise, are based on data that, to the best of Ace Coatings' knowledge, are reliable. The product and related information are intended for users with the necessary knowledge and qualifications required by the industry. It is the user's responsibility to verify suitability for the specific use and application in each case. The purchaser is deemed to have carried out the appropriate verifications at their own risk. Ace Coatings has no control over the quality or condition of the substrate, or over any factor that may affect the use and application of the product; therefore, Ace Coatings accepts no liability for any loss, injury, or damage resulting from the use of the product or this information (unless otherwise agreed in writing).

If there are variations in the application environment, changes in usage procedures, or extrapolation of data, the results may be unsatisfactory. This document shall prevail over any previous version. The purchaser must ensure that this information remains valid before using the product, and the English version of this document shall prevail over any translation.

NOTE: The information provided in this technical data sheet may be subject to change due to possible formulation variations. In all cases, it reflects the current state of our knowledge and is provided in good faith, but without guarantees regarding final results, as these depend on conditions of use beyond our control. This information does not exempt the user from carrying out the necessary tests to verify the product's suitability for a specific application. This technical data sheet supersedes any previous version relating to the same product.

Corporate Address:

ACE COATINGS S.L.
Campo Sagrado, 11
33205 - Gijón - España (Spain)



+34 985 323 328
www.acecoatings.com
info@acecoatings.com

ACE COATINGS LATAM SPA
Av/ Apoquindo 3885 Piso 18
Las Condes-Santiago de Chile
+56 229 381 336