

# FERM H<sub>2</sub>O

## acrylic micro-molecular micronized water-based primer

- odorless, ideal for interior and exterior surfaces
- strong adhesion
- isolating and waterproofing

Transparent acrylic micronized water-based primer, ideal for interior and exterior use. Suitable for the preparation of absorbing surfaces, such as gypsum boards, fine-grained repair mortar for walls, puttyed walls, plaster, MDF, concrete, and for horizontal and vertical surfaces (flat terraces, etc.). Strengthens and isolates old previously painted surfaces. Ideal undercoat for emulsion, acrylic and insulating paints. Ensures better adhesion and flow of the top coat. Impregnates and stabilizes alkaline surfaces. The number of coats depends on the type of the surface and its use. Almost odorless, user and environment friendly. Suitable as a primer for interior areas and in particular, for confined spaces. Ideal for the preparation of children's rooms, hospitals and schools.



### TECHNICAL CHARACTERISTICS

<b>TYPE</b>	COPOLYMER STYRENE-ACRYLIC	
<b>SPECIFIC GRAVITY</b>	TRANSPARENT	1.01 ±0,03gr/cm <sup>3</sup>
<b>SOLIDS w/w (ISO 3251-03)</b>	17±2 %	
<b>VISCOSITY (ASTM D 562-05 @ 25°C)</b>	KU 45±10	
<b>pH</b>	8.30±0.3	
<b>ACCELERATED AGEING RESISTANCE (ASTM D 1849-03)</b>	10/10 (1 month, 50°C)	
<b>APPLICATION TEMPERATURE</b>	min 5°C-max 30°C	

\*differs depending on the shade.

\*\*valid only for white.

### REGULATION 2004/42/CE

EU Limit value for this product in a ready-to-use condition (cat A/h-Binding primers): 30 g/L (2010). This product contains max: 29 g/L VOC.

<b>COVERAGE</b>	14±2m <sup>2</sup> /L
<b>FINISH</b>	MATT
<b>THINNING</b>	30-100% WATER
<b>DRYING TIMES</b>	1-2 hours*
<b>RECOATING TIMES</b>	4-6 hours*
<b>RECOMMENDED NUMBER OF COATS</b>	1-2 coats*
<b>TOOLS</b>	roller, brush or airless spray gun

\* Lower temperatures or higher relative humidity will prolong drying and recoating times.

## TECHNICAL DATA SHEET

EDITION: JUNE 2019  
A051 | **FERM H<sub>2</sub>O**  
REPLACES ALL EARLIER VERSIONS

WATERPROOFING  
MATERIALS

**A**<sub>3</sub>

### SURFACE PREPARATION

Carefully prepare surface to obtain good results. Remove all weathered-peeled off coatings, dust, oils, salts and mildew. Surface must be clean and dry.

Dust and/or hazardous fumes are generated during dry grinding or flame cutting/ welding on previously painted surfaces. Treat by wet grinding only if necessary. Always works in a well-ventilated area. Use the appropriate respiratory protective devices.

Putty any surface defects. Prime locally with FERM (H<sub>2</sub>O).

- ▶ **New plaster, concrete, brick, cement (flat terraces):**  
Prime with FERM (H<sub>2</sub>O) thinned up to 50% with water.
- ▶ **New gypsum board or putty:**  
Prime with FERM (H<sub>2</sub>O) thinned from 50-100% with water.
- ▶ **Old water-based or lime paints:**  
Prime with FERM (H<sub>2</sub>O) thinned up to 100% with water.

### INTENDED USE

	PLASTER
	CONCRETE/ CEMENT
	GYSPUM BOARD/ PUTTY
	FLAT TERRACES

### APPLICATION

- ▶ Stir well before and during application.
- ▶ Apply 1 coat of FERM (H<sub>2</sub>O) thinned with water by 100%. In case of very absorbing surfaces, thin with water up to 50%.
- ▶ Properly thin to prevent the creation of a film on the surface. In case of absorbing surfaces, apply additional coats.
- ▶ Allow newly poured concrete to cure for 30 days, then prime with FERM (H<sub>2</sub>O).

### USEFUL INFORMATION

- ▶ Allow 30-40 days before coating new plaster or concrete.
- ▶ Do not paint when ambient temperature is below 5°C or if rain is expected.
- ▶ It can be tinted so that primed surfaces can be discerned.

### PACKAGING

Containers of 1L, 5L and 10L.

### STORAGE

2 years if unopened and stored under normal storage conditions. Once opened, seal well and store in a closed place at room temperature between 5-30°C. Keep tightly closed after application for future use. Store in a cool place. Protect against freeze and direct sunlight.

### CLEAN-UP / DISPOSAL

Keep your tools wet inside the can when not painting. Rub excess paint off your tools on the side of the can after paint application. Clean tools with hot water and soap immediately after use. Do not empty washing liquids into the water table. Always handle empty containers and product carefully. Do not pour leftover product down the drain. Strictly follow local, regional, national regulations and legislation on the disposal of products and empty containers.

### HEALTH & SAFETY

Read carefully the safety instructions on the label. For more information, consult the Safety Data Sheet.

