

Technical Data Sheet

SeraMat Aqua ISOL

Definition

SeraMat Aqua ISOL is a white, mat, water-based stain blocking and self-priming paint for interior walls and ceilings.

Product code: LV 32290

Composition

S SeraMat Aqua ISOL is a solvent free water dilutable mat paint, based on a binder composed of vegetable oils.

Characteristics

SeraMat Aqua ISOL can above all be characterised through the following features and benefits:

- Irreproachable stain blocking capacity, even after the first application
- Very good hiding power
- Very good adherence on a wide range of substrates
- Deep mat appearance
- Easy application
- Long open time
- Excellent lay-down and controlled drying without any roller marks
- Solvent free (VOC < 10 g/L)
- Low odour
- Totally stress-free film (no risk of flaking)
- Excellent whiteness (no yellowing)

Use

SeraMat Aqua ISOL can be applied directly, and without initial priming, on a wide number of substrates such as concrete, plaster, mortar, wood, etc. The paint is perfectly suitable for different types of stain blocking applications, including but not limited to nicotine, soot, dry water stains and wood tannin. The substrate must be dry, clean and coherent prior to application. Old flaking paint applications must be removed by dry brushing or etching prior to application. Algae, fungus and moos must also be removed mechanically and the surface is then to be washed thoroughly with a suitable fungicide, followed by generous rinsing with water. Note: Mineral substrates must be well dried prior to application with **SeraMat Aqua ISOL**. **SeraMat Aqua ISOL I** is not suitable for direct application in damp and humid areas susceptible to mildew growth, such as cellars, churches, etc. In such cases it is recommended to add a suitable anti-fungicide additive prior to application.

Application

With brush, roller or airless spray

Dilution

Brush, roller: Ready-to use

Airless: approx. 10% with water

Application temperature

Not below 5 °C

Shelf life

At least 1 year in closed containers. Protect from frost!

Tinting

SeraMat Aqua ISOL is compatible with the most common tinting systems which are available in the market (a preliminary test is always recommended).

Specifications

Parameter	Unit	Value	Remark
Solid content	%	64	Average by weight
Specific gravity	g/cm ³	1.20	Average value (23 °C)
Viscosity Brookfield (Sp 6) 100 RPM	mPas	6'000	Average value (23°C)
pH		6.4	Average value
Gloss 85°	%	1.2	Average value
Solvent content	g/L	< 10	Average value
Drying time			
Dust free		After 3 hours at 20°C	
Second coat		After 4-6 hours at 20°C	
Complete hardening		After 2-3 days	



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Note: The information contained in this data sheet has been given with the best intention and it is based on extensive experience together with research & development. It must however be pointed out that that any data included is provided without any liability on our behalf. www.seraplus.com

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