

Lacryl Hydro-Gel 695



Rollable primer, low-emission, solvent- and plasticizer-free, consolidating, AgBB certified, for interior and exterior use



Field of application

For priming absorbent substrates, e.g. plaster, concrete, gypsum plasterboard, or old emulsion coatings. For equalizing substrates with different levels of absorbency and for stabilizing plasters, gypsum plasters, and gypsum fillers whose surfaces are slightly crumbly. Also suitable for use as a primer on absorbent mineral substrates, e.g. cementitious mortar or filler materials.

Properties

- low-emission, solvent- and plasticizer-free
- Complies with the requirements of the Committee for the Health-related Evaluation of Building Products (AgBB)
- Aqueous micro-emulsion based hydrosol primer
- Thixotropic modification
- For interior and exterior use
- Can be applied very well with the roller – does not drip
- Stabilizing
- Adhesion promoting
- Alkali-resistant
- Fast-drying
- Optionally available for exterior use in Protect quality (film protection against algae and fungal infestation of the coating)

Material description

Color shade	opaque-transparent
Base material	Acrylate copolymer hydrosol
Density	approx. 1.0 g/cm ³
Water-vapor-permeability	Diffusion-equivalent air layer thickness: $S_d (H_2O) < 0.03$ m in accordance with DIN EN ISO 7783, corresponds to class V1 "highly water-vapor-permeable" in accordance with DIN EN 1062-1
Packaging	10 l

Use

- Thinning** Apply unthinned. Avoid glossy areas.
- Compatibility** Do not mix with other types of materials.
- Application** Lacryl Hydro-Gel 695 to be applied and rubbed in preferably with a Microfiber Paint Roller 1221. If Lacryl Hydro-Gel 695 is applied by Airless spraying, we recommend working over the surfaces with a roller afterwards to ensure a uniform distribution. Avoid glossy areas.
- Consumption** Approx. 100–200 ml/m² per coating depending on the absorbency of the substrate. Determine the exact consumption by means of a test application on the object to be coated.
- Application temperature** Do not apply at air and object temperatures below +5 °C.
- Tool cleaning** Clean tools immediately after use with water.

Spray data

Spray system	Nozzle	Spraying angle	Pressure	Dilution
Airless	0.013–0.017 inch	40°	100 bar	undiluted

Drying (+20 °C, 65 % relative humidity)

Rainproof after approx. 2 hours. Suitable for recoating and additional system build-up after drying overnight. Allow longer drying times at lower temperatures and/or higher air humidity.

Storage

Store in a cool and frost-free place. Reseal opened containers tightly. Apply material within 60 months.

Declaration

- Note** Contains preservatives
- Product code** BSW20
Comply with the specifications in the current safety data sheet.

Coating build-up

Substrate preparation

- The substrate must be solid, dry, clean, load-bearing and free from efflorescence, sinter layers, separating agents, corrosion-promoting components, or other intermediate layers affecting the adhesion.
- Check existing coatings for their suitability, load-bearing capacity, and adhesive properties.
- Thoroughly remove defective and unsuitable coatings and dispose of them in accordance with the applicable regulations.
- Thoroughly rinse off reversible, water-sensitive coats (e.g. distemper).
- Clean areas infested by fungi and algae thoroughly and prime with Lacryl Hydro-Gel 695 in Protect quality or after-treat with Universal Disinfectant 542*. (*Use biocide products with care. Always read the label and product information before use.)
- Treat replastered areas with a fluorine primer; if the subsequent paint coat is to be tinted, prime the entire surface.
- Repair damaged concrete with the materials from the Brillux Concrete Protection System.
- Also see VOB Part C, DIN 18363, Section 3.

Priming

Normally and highly absorbent substrates, e.g., interior and exterior plaster (compressive strength category CS II and CS III), concrete, gypsum plasterboard, or sand-lime brickwork 1–2x with Lacryl Hydro-Gel 695 depending on the absorbency. Pay attention to the information in the note on priming gypsum plaster (compressive strength category B1–B7). The primer must not form a slightly thickened, glossy film.

Additional build-up

Depending on the requirement or selection, e.g. with Brillux interior emulsion paints, facade paints, plastics, render systems or wall coverings.

Notes

Substrate condition

The prime coat and coating build-up must be adapted to the relevant substrate condition. Without exact knowledge of the conditions, no reliable recommendations can be made.

Priming gypsum plaster

For gypsum plaster with high absorbency, we recommend checking the adhesion of the complete coating build-up with an adhesive tape test (e.g. Tesa Precision Masking Tape, gold 4334) to ensure a reliable assessment. Where necessary, use Lacryl Deep Penetrating Primer 595 or Deep Penetrating Primer 545 (consider the solvent odor).

Wallpapering on gypsum plaster

When wallpapering on gypsum plaster, e.g. with wallpaper or woodchip wallpaper, prepaste beforehand, see also BFS Leaflet No. 16.

Discolorations of gypsum plasterboard

An additional sealing coating must be applied if there is a risk of discolorations penetrating through the untreated gypsum plasterboard. Use Aqualoma 202, Isolating Primer 924 or CreaGlas 2C PU Finish 3471 depending on the situation on site. For an accurate assessment, sample coatings of various panel widths, including the joints and filled areas, have proven to be useful.

Gypsum fillers on gypsum plasterboard

The gypsum fillers recommended by gypsum plasterboard manufacturers can be particularly susceptible to moisture, which can result in swelling, bubble formation, and flaking (see also Data Sheet 2 “Filling of gypsum plasterboards, surface qualities” Trade Association of the German Gypsum Plasterboard and Wallboard Industry). It is therefore important to ensure adequate ventilation and appropriate temperatures for rapid drying.

Notes

- When painting façades** Do not apply façade coatings in direct sunlight, to hot substrates, in strong wind, rain, etc. If necessary, take protective measures.
- Protect quality** Containers marked with "Protect" contain material that is optimized in the factory with film preservation against algal and fungal infestation. The material may only be used outdoors. The contained preservatives minimize and/or delay the risk of algal and fungal infestation. Material with film preservation must be applied in sufficient layer thicknesses. We recommend applying at least two coats. With the current state-of-the-art technical development, a permanent protection against algal and fungal infestation cannot be guaranteed.
- Further specifications** Follow the instructions on the data sheets of the products used.

Remark

This data sheet is based on extensive development work and years of practical experience. The translation corresponds to the current German version, in compliance with the German laws, regulations, standards and guidelines. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition, our general terms of business apply.

When a new version of this data sheet with updated information is published, the previous version no longer applies. The current version is available on our website.

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