

Lacryl Deep Penetrating Primer ELF 595

low-emission, solvent-free, reinforcing, odor-less,
AgBB-certified for exterior and interior use



Field of Application

For priming absorbent substrates, e.g. plaster, concrete, gypsum plasterboards or old dispersion paint coats. For equalizing substrates with different absorbent qualities and for reinforcing the surface of sandy plasters, gypsum plasters and fillers. Can also be used as primer on absorbent mineral substrates, e.g. cement-containing mortar or filler materials.

Properties

- ELF = low emission, solvent and plasticizer-free
- tested according to requirements of AgBB evaluation schemes
- aqueous hydrosol primer based on microemulsion
- for exterior and interior
- deep-penetrating
- well-reinforcing
- adhesion-promoting
- very easy to use
- alkali-resistant
- quick drying
- in system with CreaGlas Fabric and Relief 3490 hardly inflammable B1 according to DIN 4102, according to General Technical Approval Certificate No. P-BWU03-L-16.5.144

Material description

Color	milky transparent
Base material	Acrylate-copolymer-hydrosol
Density	approx. 1.0 g/cm ³
Packaging	1 l, 5 l, 10 l

Use	
Thinning	Normally to be used unthinned. If necessary, dilute with a little water to avoid glossy spots.
Compatibility	Do not mix with other types of materials.
Application	Lacryl Deep Penetrating Primer ELF 595 to be applied preferably using a paintbrush. Also suitable for spray application. Avoid glossy areas.
Consumption	Approx. 150–200 ml/m ² per layer depending on absorption quality of substrate. Determine exact consumption by means of a test application on the object to be coated.
Application temperature	Do not apply if air or object temperature is below +5 °C.
Tool cleaning	Clean tools immediately after use with water.

Drying (+20 °C, 65 % relative humidity)	
	Rain resistant after approx. 2 hours. Recoatable and further system build-up after drying, normally after allowing it to dry 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.

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, loadbearing and free from efflorescence, sinter layers, separating agents, corrosion promoting components or other intermediate layers affecting the adhesion. Check existing coatings for their suitability, loadbearing capacity and adhesive properties. Remove defective and unsuitable coatings thoroughly and dispose of them in accordance with the applicable regulations. Thoroughly wash off limepaint. Clean areas infested with fungus or algae thoroughly and treat them with Universal Disinfectant 542*. (* Use biocides safely. Always read labels and product information before use.) Treat replastered areas with a fluorine primer. Repair defective concrete using materials of Brillux concrete protection system. Also see VOB Part C, DIN 18363, Section 3.
Prime coat	Normal and highly-absorbent substrates, e.g., interior and exterior plaster (compressive strength category CS II and CS III), concrete, plasterboard, or sandlime brickwork with Lacryl Deep Penetrating Primer ELF 595. Pay attention to the information in the note on priming gypsum plaster (compressive strength category B1-B7). Prime coat must not form a closed, glossy film.
Further build-up	Depending on requirements or selection, e.g. with Brillux dispersion paints, plastic materials, plaster systems or wall coverings.

Notes

Conditions of the substrate	The prime coat and coat buildup must be adjusted to the condition of the substrate. Without an exact knowledge of the situation, no reliable recommendations can be made.
Priming gypsum plasters	With gypsum plasters that have high absorbency, we recommend testing the adhesion of the entire coating buildup with an adhesive tape tearoff test (tesa® 4334) for a reliable assessment.
Wallpapering on gypsum plaster	In the case of wallpapering on gypsum plaster (MG PIV) (wallpaper or woodchip), an additional paste layer will normally have to be applied, also refer to BFS leaflet no. 16.
Discoloration on gypsum plasterboards	If there is a risk of discolorations penetrating through untreated gypsum plasterboard, an additional blocking coating must be applied. Depending on the situation at the specific site, use Aqualoma ELF 202, Isolating Primer 924 or CreaGlas 2C PU Finish 3471 for this. Sample coatings over the width of a number of boards including joints and filled points have been shown to be appropriate for precise evaluation.
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.
Coating facades	Do not apply in direct sunlight, hot substrates, strong wind, rain, etc. Take protection measures, if necessary.
Use in shipbuilding	For use in shipbuilding, the specifications of the EC-type examination certificate (module B) are to be taken into account. Furthermore, a copy of the declaration of conformity (DoC) must be provided for the ship's documentation. Module B as well as the DoC for the current production year can be accessed online in the "Shipbuilding declaration of conformity" file.
Further information	Follow the instructions on the data sheets of the products used.

Remark

This Data Sheet has been prepared taking into account the current applicable German laws, standards, specifications and codes of practice. All details have been translated from the current German version. The contents do not form a legal contract. The user and/or the purchaser is not released from the responsibility of checking that our products are suitable for the proposed use. In addition our Terms of Conditions and Payment apply.

When a new version of this Data Sheet appears with updated information the previous version no longer applies. The current version is available on our website.

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