HydroBloc®WPS 750 *(Water-Proofing-Sealer)*

Restoration paint, decorative and water tight protective and inhibition coating for wet walls.

HydroBloc®WPS 750is a waterproof, decorative barrier coating. The product can be used to coat damp or wet mineral substrates with minimal effort. Complex substrate preparations are not necessary. Coatings with HydroBloc®WPS 750 are satin-matt, waterproof and prevent ugly efflorescence and water stains. Water vapour diffusion and thus drying out is not hindered. HydroBloc® WPS 750 coatings react with existing moisture and thus anchor to the substrate.

Typical applications for HydroBloc®WPS 750 are decorative coatings on damp and wet concrete, masonry or plaster, preferably after other waterproofing measures.
HydroBloc®WPS 750 coatings can replace expensive dehumidifying plasters or can be used as an additional and decorative protective coating on such plasters.

Easy processing, good surface coverage and excellent adhesion on wet surfaces

Application HydroBloc®WPS 750 is delivered ready to use. It can be handled by all usual coating technologies. Surfaces must be clean and free of loose and separating substances before coating.

On wet substrates HydroBloc®WPS 750 is applied with a brush ("Quast") and evenly distributed and smoothed in a cross-coat. The paint is worked into the pores of the substrate more easily and wets and displaces existing water on the surfaces better than is possible by rolling it up with paint rollers.
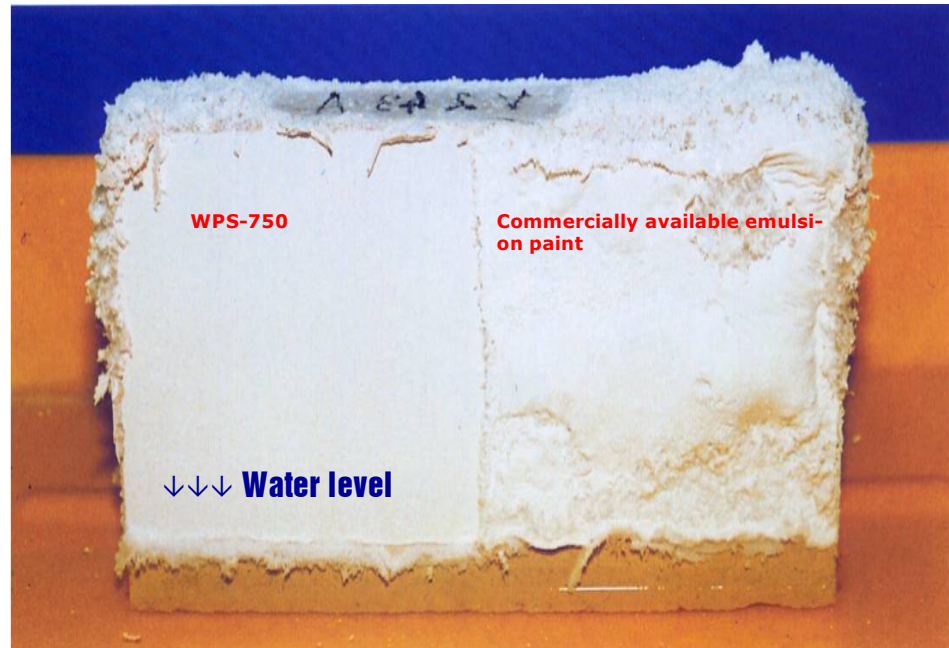
To get a homogeneous, closed and constant surfaces, depending on condition, moistness and depth of roughness, 2 coatings are necessary.

The second coating can be rolled up. HydroBloc®WPS 750 can be squirt with airless equipment by using machines with adequate capacity. Subsequent coats can be applied either immediately after the previous coat has dried or after any length of time, problems with intercoat adhesion do not occur.

Interface layers or top coats with HydroBloc®WPS 752 are reasonable by surfaces with high depth of roughness or very unbalanced conditions. The structure coating HydroBloc®WPS 752. contains voluminous fillers. It can be applied in conspicuously higher layer thickness than HydroBloc®WPS 750. A „sludge effect" can be achieved with HydroBloc®WPS 752.

HydroBloc®WPS 750 has not only a secure adhesion on wet surfaces *, it avoids reliable blister and effloresces of salt on the surface.

* Test specimen after 100 days storage in water

WPS-750   Commercially available emulsion paint

↓↓↓ Water level

HydroBloc®WPS 750 is pigmented pure white. If required, the product can be lightly shaded in all pastel shades using standard universal shading colours (e.g. "MIXOL"). The pigments used must be alkali resistant; do not add more than 5 % to the original colour, preliminary tests are recommended. Shading colours for emulsion paints or dry pigments are not suitable for shading.

For batch quantities of 500 kg and more, HydroBloc®WPS 750 is also available in special colours according to samples or in accordance with RAL standards. HydroBloc®WPS 750 has limited water miscibility and contains mild smelling, aromatic-free solvents. During processing therefore ensure adequate ventilation. For cleaning the processing tools we recommend our universally applicable safety solvent Hydro-Solv®520. Diluting or cleaning with water is not possible.

Safety Storage Disposal

Solvents, used in HydroBloc®WPS 750 are as far as possible physiological harmless. Anyway, look for enough air ventilation in workspaces. Regard specified occupational health and safety while spraying.

The solvents used are flammable and the mixtures of air and solvent produced during drying of the product are flammable within certain limits. The precautions generally taken when processing solvent-based paints and varnishes (no smoking, no naked flames or light, sufficient ventilation to avoid ignitable air mixtures) therefore also apply to this product.

In tight closed original packaging, HydroBloc®WPS 750 is storeable for at least 36 month. Store the product unapproachable for children and unautorised third persons. Store rooms should be dry, cool and good ventilated. Avoid storage with strong oxygenating materials (peroxide or similar).

Product residues and empty containers can be disposed of as household waste when the coating compound is completely dry. Liquid product residues are hazardous waste and must be disposed of in accordance with the relevant national or local regulations for the disposal of solvent-based paints and lacquers.

Properties

Material basis:	Coating material, made of special solved binders, fillers and pigments
Condition:	Shear thinning, capable of flowing paint
Colour:	White or special colour
Odour:	Mild, like solvent
Density:	Approx. 1,40 - 1,45 gr/ml
Shelf life:	At least 24 month

Technical application data

Consumption per coating:	On flat undergrounds about 250 gr / m²
Processing temperature:	≥5 (°C) recommended

Recommended Additives

Thinner WPS-753
Special thinner, to adjust the brushing and spraying viscosity of HydroBloc®WPS 750. Can also be used for cleaning tools and processing equipment. High flash point. No labelling according to VbF and GefStoVo.

Thickener WPS-751
Special thickener for the application of thicker layers.

HydroSolv®520
Highly efficient safety solvent. Universal useable for cleaning and rinsing of equipment. No identification according to VbF and GefStoVo.

ARCAN Waterproof
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passion to invent