

COMPARISON OF LOGIC IN DP WITH OTHER CONCRETE PLASTERS

Logic IN DP Product Features

Logic in DP is an artifact that is a penetration artifact and has been produced since 1967 with some optimizations and due to its characteristics, it creates a great number of possibilities in construction of concrete and cement screed especially at the same time with tens of years of experience.

The product is used to impregnate concrete and cement screed-areas and creates, for example, the following effects:

	Increasing wear resistance, Obtaining of dust free concrete and screed areas
	Prevention of penetration of concrete and screed areas with chemical resistance and accordingly oil and other liquids
	It provides a wide range of chemical resistance in concrete and screed areas, prevents concrete wear due to salt solution, acids and alkalis, provides usage of concrete in accordance with suitable priced norms instead of sulphate resistant concrete and protects against concrete organic acids and natural economic fertilizer in agriculture field.
	Reduction of water vapor diffusion in a very dense manner and therefore the sub-coatings are perfectly primed to prevent water vapor-induced crack formation
	Especially for increasing durability of upper area against screed (roller pressure resistance), such as under carpet coverings against intensive wheelchair use in offices, etc.

Logic in DP fluid is a two component artificial material and should not be perceived as concrete cover or screed. Because it is applied on concrete or screed and in practice it does not form any layer or it only forms a very thin layer but on the contrary it penetrates into the ground and hardens there (inside the pores). The high capillary content gives the product an extraordinary penetration or absorption capability (penetration) in terms of mineral building materials.

Unlike hydrophobic penetrations (eg, logic water), absorption by Logic in DP leads to increased substrate durability of substrate and formation of a barrier layer that seals against hydrostatic pressure.

However, unlike Logic in DP hydrophilic emulsions (penetration), organic solution is also resistant to substances such as oils, detergent containing liquids.

These properties also give positive properties that hardness of building material is in addition to that of main building, where water resistance, mineral oils, solution substances, acids, alkalis, exhaust gases, weather effects and excellent resistance to erosion are handled.



It does not contain any solvent, it is not flammable.

Disadvantages

It does not have a special function as an impregnation. The most fluid epoxy resins have too much viscosity to penetrate into medium and fine pores of concrete. The resins have a very high surface tension and therefore are not capillary. Such products therefore do not penetrate the pores of the building material, but rather remain on the substrate as a thin layer. Therefore, they have a thin coating property, they do not have an absorption property.

Polyurethane resin products

Advantages

None.

Disadvantages

Alkali-sensitive, reacts directly with water (moist places in the pores) under frothing and hardening.
Structure penetration (absorption). Not suitable for impregnation purposes!

Synthetic resin distribution (breakage)

Advantages

None.

Disadvantages

They contain water. Sensitive to alkalis.
There is no penetration of building material (absorption). They do not have insulation effect.
Not suitable for impregnation purposes!