

Treatment of new Concrete with Polysil-TG500

The presence of water flowing over concrete, particularly new concrete, will often result in the leaching of free lime and mineral salts. Problematic crystallization of these mineral deposits can occur.

POLYSIL -TG500

These effects can largely be eliminated by the pre-treatment of surfaces using Polysil.

Polysil-TG500 is an aqueous formulation of silicic acid compounds which chemically react with the substrate to produce a "silicification effect".

Silica gel is formed within the capillaries reducing pore sizes, consolidating and strengthening the treated material. The hydrophobic effect of Polysil-TG500 largely eliminates the leaching of mineral such as free lime and salts.



Application:

Polysil-TG500 is applied undiluted by low pressure spray to concrete or masonry surfaces at an approximate rate of 0.13kg/m² to achieve a good saturation coat (ponding is to be avoided). On concrete floors the above application rate is likely to be achieved as a single coat application. If the substrate is particularly dense two 'light' coats applied "wet on wet" (15-30 minutes) may be required. On vertical surfaces one coat is usually required to achieve the application rate without "run-off". Application rates may vary according to the density/porosity of the substrate. Delta Polysil-TG500 is supplied in 10kg tins.

Distributed By:

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