

Technical Notice

Neolith P1550G

Neolith P1550G is a polymer powder redispersible in water and it is produced by spray-drying a water based dispersion of a vinylacetate homopolymer with an external plasticizer and polyvinylalcohol as a protective colloid.

General properties

Neolith P1550G is used to modify non hydraulic binding mixes. With its peculiar physical-chemical characteristics it improves the adhesion to inorganic substrates and shows good flexibility and deformability and reduces the water demand of the mix. Neolith P1550G also helps increase the open time and improve the workability of dry-mixes

Specification values

FAR POLYMERS Quality System is certified according to UNI EN ISO 9001 and takes care of all the aspects of the organization, from production to technical service. Our laboratory Quality Control determines the following parameters for each delivery:

dry content (%): (FAR 007)	99 ± 1
ash content (%): (AR 010)	max 2
bulk density (g/l): (FAR 008)	450÷590

Other physical chemical characteristics

of the powder:

appearance:	white powder
stabilizing system:	polyvinylalcohol

of the water redispersion:

minimum film forming temperature:	+5°C
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Applications

Sealants and gypsum based adhesives

Adhesion and workability of gypsum based compounds are greatly improved by the addition even of small amounts of Neolith P1550G. In case of sealing Neolith P1550G gives a very good adhesion to gypsum and gypsum-based boards. Resistances to flexural and compressive stresses are also improved.

Hand-applied compounds

Neolith P1550G is suitable in gypsum based mixes because adhesion, mechanical resistance are enhanced. The low MFFT also allow the use of the product at low temperatures.

Wallpaper adhesives

The addition of Neolith P1550G predispersed in water to wallpaper glues increase the adhesion to the substrates.

Packaging

Neolith P1550G is available in 25 kg paper and big bags up to 1000 kg.

Storage

We recommend to store Neolith P1550G in a suitable warehouse at temperatures below 25°C, protected from moisture and not subject to pressure (e.g. do not overlap pallets).

By following this recommendation, we strongly advise anyhow to use the product within six months from the date of delivery.

All the information of this TDS are the result of tests in our laboratory according to the current state of our knowledge. They do not absolve customers to check the uses of our products in each formulation – since we do not have any control on raw materials from other companies and conditions of use. Customers should also check each supply upon receipt. The recommendation within this TDS do not constitute any guarantee nor they imply the suitability for particular uses made by customers..
12-2018 REV 18-01