

VINAVIL 5605 HP

05P004 - 04/13

P 1 - 1

VINAVIL 5605 HP is a vinylacetate - ethylene redispersible powder.

VINAVIL 5605 HP is manufactured by spray drying a copolymer dispersion under carefully defined conditions. Anti-caking agents are incorporated to make sure that powder properties are maintained during storage and processing.

VINAVIL 5605 HP should be mixed with dry products and stored in water resistant package.

On contact with water and under the action of mechanical shear, VINAVIL 5605 HP produces a stable dispersion which properties are comparable to those of the original dispersion.

	Unit	Value	Method
1. SUPPLY SPECIFICATIONS			
Humidity	%	2 max	MVPF 09
2. TYPICAL VALUES			
Density at 23°C	kg/dm ³	0.45±0.05	MVPF 18
Protective colloid		polyvinyl alcohol	
Ash content	%	12±1	MVPF 26
Glass transition temperature	°C	- 5	MVANS 01
Residue > 500 µm		<0.5	MV PF 24
3. REDISPERSION CHARACTERISTIC AT 50%			
Minimum film-forming temperature	°C	0	UNI 8490-14
Brookfield viscosity	(1) mPa.s	<1000	UNI EN ISO 2555
pH		7.5±0.5	ISO 976

(1) RVT, 23°C, 20 rpm, spindle 2

APPLICATIONS

VINAVIL 5605 HP gives hydrophobicity in cementitious mortars. VINAVIL 5605 HP is particularly suitable for use in many exterior applications, for example grouts, repair mortars and mineral plasters. The use of VINAVIL 5605 HP improves the flexibility of the mortar, increase the substrate adhesion, reduces water absorption into capillary pores and builds a barrier against water penetration. VINAVIL 5605 HP allows to increase the water retention, an aspect which is very important for thin section mortar application or application on an absorbing support.

PACKAGING

VINAVIL 5605 HP is available in 20 Kg paper bags with polyethylene liners and Big Bag of 600.

STORAGE

VINAVIL 5605 HP should be stored in its original packaging in a cool, dry place with temperature below 30°C. Excessive pressure can cause VINAVIL 5605 HP to cake under prolonged storage. It is recommended to use VINAVIL 5605 HP within six months of delivery.

Data, information and suggestions are provided for guidance purpose only. VINAVIL S.p.A. accepts no responsibility for the results obtained therefrom, nor for their utilization in infringement of possible patent rights. The analytical methods are available on request.