

CRILAT 4706

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CRILAT 4706 is a styrene acrylic copolymer water based dispersion, free from coalescent and plasticizer, that give a transparent film, flexible and no tacky.

	Unit	Value	Method
1. SUPPLY SPECIFICATIONS			
Solid content	%	50±1	MVPF 01
Brookfield viscosity	(1) mPa.s	6000±2000	UNI EN ISO 2555
pH		8.0±0.5	ISO 976
2. TYPICAL VALUES			
Minimum film-forming temperature	°C	0	UNI 8490-14
Average particle size	µm	0.08÷0.14	MVANS 20
Density at 23°C	kg/dm ³	1.06	MVPF 18
Mechanical stability		excellent	MVAT 013
3. FILM CHARACTERISTICS			
Glass transition temperature	°C	6	MVANS 01
(1) RVT 20, rpm spindle 5, 23°C			

APPLICATIONS

CRILAT 4706 is suitable to formulate interior and exterior water based paints with good flexibility in comparison with the conventional styrene acrylics copolymer.

CRILAT 4706 is used in particular for textured coatings, water proof membranes and low-VOC paints thanks to his low MFFT. CRILAT 4706 has an excellent compatibility with cement and mineral binders.

SPECIFIC PROPERTIES

The main properties that characterized CRILAT 4706 behaviours are:

- Low minimum film forming temperature;
- High water resistance;
- Medium flexibility;
- Free from coalescent and plasticizer;
- Good compatibility with cement and mineral binders;
- High binding power at high PVC paints;
- Excellent alkali resistance;
- Low dirt pick-up.

CRILAT 4706 is the right solution to obtain water based paints, textured coatings (lime or silicate based), water proof membranes characterized by a good adhesion, water resistance and medium flexibility.

PACKAGING

CRILAT 4706 is available in bulk, in 1000 l minibulks and in drums of 125 kg.

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.

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STORAGE

CRILAT 4706 is suitable for at least 6 months when stored between +5°C and + 40°C.

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