



DECORATIVE INDOOR PAINTS

FAMACRIL P 181 ECO



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LOW-EMISSION INTERIOR PAINTS
SILICATE COATINGS



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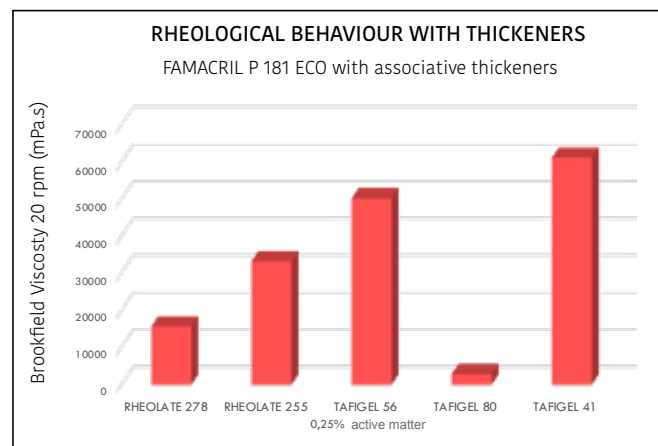
DECORATIVE INDOOR PAINTS

LXBD has developed FAMACRIL P-181 ECO to meet the high-performance demands of interior coatings. This water-based styrene-acrylic emulsion is designed for decorative paints, free of plasticizers, solvents, ammonia, and APEO, with ultra-low VOC content.

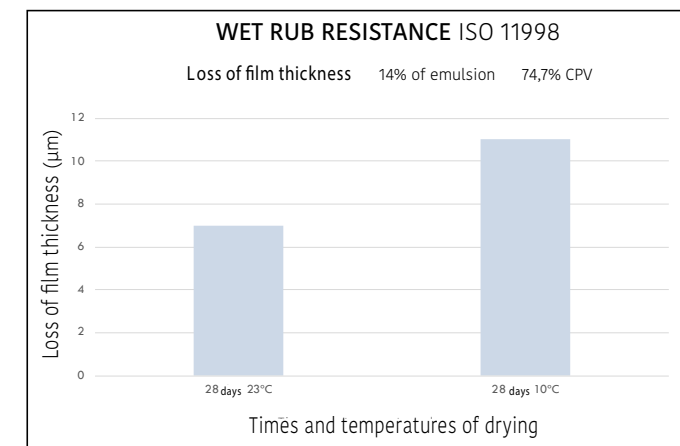
Total Solids Content (%):	50 ± 1 %
Brookfield Viscosity RVT 23°C (sp.3/20 rpm, mPa•s):	1.500 - 3.500
pH:	7,0 - 8,0
Minium film forming temperature (°C):	2
Specific gravity at 20° (g/cm³):	1,03-1,07
Appearance of the film:	Soft
Mechanical stability:	Excellent

APPLICATIONS

FAMACRIL P 181 ECO, with an MFFT of 2°C, enables formulation without coalescents. Designed for low-emissivity interior and emulsion-silicate paints, it offers excellent silicate stability, ensuring high water vapor permeability and superior waterproofing. Its outstanding properties allow the development of paints with excellent wet scrub resistance without coalescent additives.



Evaluation of the viscosity of FAMACRIL P 181 ECO emulsion with the addition of different types and proportions of HEUR type associative thickeners.



Evaluation of coating weight loss after washing at 200 cycles for 28 days at 23°C and 100°C.

ADVANTAGES

- Ultra-low VOC content
- Coalescent-free formulation
- Minimal dirt pick-up
- Strong mechanical properties
- High hydrolysis resistance
- Excellent wet scrub resistance in high-PVC paints
- Enhanced water resistance
- Superior binding capacity



HUMAN TEAM



SUSTAINABLE
DEVELOPMENT



COMPANY VALUE



ENVIRONMENTAL
RESPONSIBILITY



INNOVATIVE

