

Technical data sheet

esaplast G12

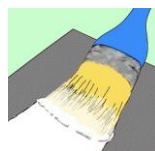
esaplast G12 is a plasticizer agent developed to impart permanent flexibility and elasticity to water based textured coatings.

esaplast G12 is compatible with the most used additives in water base formulation at low and high PVC.

Chemical-physical characteristics

Chemical description:	synthetic polymers
Appearance:	clear pale yellow liquid
Active content:	100%
Brookfield RVT viscosity:	150 - 250 mPa*s (20°C, 100 rpm)
pH:	7 - 9 (5% w/w water dispersion)
Specific gravity:	0.950 - 1,050 g/ml (20°C)
Water compatibility:	dispersible

Main applications and dosages



Interior and exterior water-based paints: **0.2 - 4.0%**

Plastic coatings high thickness: **0.2 - 0.6%**

Flexible membranes: **0.5 - 5%**

The dosages are referred to the total formulation

Properties

esaplast G12 is suggested for indoor and outdoor application.

esaplast G12 is compatible with all the usual latex employed in elastic and flexible membranes, vinylic, acrylic and styrene-acrylic emulsion.

It doesn't change the performances of water proof resistance and improves the mechanical performances of the dry film.

esaplast G12 can be used in synthetic coatings at high thickness to prevent cracks formation during the film forming.

esaplast G12 can be added in one step at the end of the batch.

Elongation test with dynamometer on a flexible membrane added by esaplast G 12.



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Packing and storage

esaplast G 12 is available in drums and IBC.

esaplast G 12 should be stored in closed containers at temperature $\geq 5^{\circ}\text{C}$.

If stored in these conditions the product does not change its properties in the period of 12 months from the date of production.



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