

Technical Data Sheet

esatec CL08

esatec CL08 is an isocyanate in water dispersion. It's suggested as cross-linking agent for polyurethane and acrylic dispersions.

Chemico-physical characteristics

Chemical description:	aliphatic poly-isocyanate in organic solvent
Appearance:	limpid liquid
Active content:	70 ± 1 %
NCO content (as it is):	11 - 12 %

Application properties

esatec CL08 is added to polyurethane and/or acrylic aqueous systems with a dosage of 4-7% on the resin. It increases film hardness, resistance to chemicals, to wet and dry abrasion.

The compatibility of **esatec CL08** with different products has to be tested before its use.

esatec CL08 is compatible with all Lamberti polyurethane dispersions: the addition of **esatec CL08** to these products produces glossy and transparent films.

The indicative "Pot life" for **esatec CL08** water systems is approximately 2-4 hours, but, due to the presence in the market of a wide range of emulsions, this parameter has to be experimentally determined on each formulation. The end of the pot-life usually coincides with the formation of foam, the reducing of film transparency and the increase of system viscosity.

esatec CL08 is easily dispersible in water and can be incorporated in paints by mild mechanical agitation.



The information and the data reported here are based on our knowledge and on the results of the tests done with accuracy and objectivity.