

Technical Data Sheet

XT0279/00 UV ABSORBER

Supersedes previous issue dated 11/04/14

DATE 11/25/14

Area of use:	As additive to clear solvent based coatings to absorb UV radiation and decrease yellowing of fair timber species.
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Technical characteristics:

Solids content (%):	14 ± 1
Specific gravity (kg/l):	0.892 ± 0.030
Shelf-life:	36 After long periods of storage, always check homogeneity and stir well before use to eliminate any possible sediment.

General characteristics

XT0279/00 absorbs all UV rays and is capable of decreasing the negative effect that they have on all timber species, i.e. reduces yellowing, chromatic alterations of fair colours as well as lignin deterioration.

XT0279/00 can be added to polyurethane or nitrocellulose clear coatings.

It cannot be used with waterborne, air-drying and polyester coatings.

The addition of XT0279/00 to pigmented coatings is not recommended since it leads to no benefit.

It's important to notice that XT0279/00 reduces yellowing of fair timbers but is not capable of avoiding the yellowing of the coating film.

To avoid film yellowing, **aliphatic hardeners**, not sensible to light, are to be used.

Dosage

XT0279/00 can add in various percentage from 2 at 4 % in component A. Percentages higher then 4% not bring any advantage and may even increase the yellowing in the dark (see the instructions).

Warning

All UV absorbers may cause the negative phenomenon of a light yellowing of the coating film when the coated item is packed. This phenomenon may take place, even if to a limited extent, on fair timbers coated with clear coatings, light coloured precomposite items, etc. and usually disappears almost completely when the coated item is exposed again to the daylight. However, before starting any mass production, we recommend also a "yellowing in the dark" test.