

# Easaqua™ X D 803

## Description

- Easaqua™ X D 803 is a Fast Drying ready-to-use a water-dispersible aliphatic polyisocyanate. It does not contain any alkyl phenol ethoxylate (it is "APEO free").
- It has a low odour and is not labelled as flammable.

## Suggested Uses

- Fast drying hardener of two-pack waterborne high performance polyurethane coatings on various substrates, like Wood (parquet flooring, kitchen & office furniture), Metal and Plastics.

## Specifications

Colour	≤ 100 HAZEN (APHA)
Viscosity at 25°C	100 to 300 mPa.s
NCO (on delivery form)	11.2 to 13.2 %
Solids content	66 to 72 %
Quantity of residual monomer (HDI* + IPDI**)	< 0.5 %***

\* HDI : Hexamethylene diisocyanate monomer, \*\* : IPDI : Isophorone diisocyanate monomer

\*\*\* values are calculated based on the measurements done on the raw materials

The analytical methods are available upon request

## Physical Properties

Appearance	Clear liquid
Bulk density at 25°C	1080 kg/m <sup>3</sup> approx.
Flash point (closed cup)	76°C approx.
Equivalent weight (on delivery form)	344 g approx.
Mixing in water	See safety instructions

## Solubility

Soluble in esters, ketones, ether-esters and aromatic hydrocarbons. This product reacts with solvents containing hydroxyl groups, such as alcohols, glycol-ethers and water (in case of unsuitable use). It is recommended to use "urethane grade" solvents only for the dilution (with water content below 300 ppm).



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## Applications

- Easaqua™ X D 803 is a ready-to-use hardener of 2K waterborne polyurethane formulations. It is used as crosslinker of waterborne hydroxy functional polymers, especially polyacrylics or urethane-acrylics hybrids in various physical forms (solutions, emulsions or dispersions) and polyurethanes dispersions (PUDs).
- Easaqua™ X D 803 gives coatings showing fast drying, quick hardness development and high gloss. Therefore, it is particularly adapted to Transportation coatings (car repair, railway carriage...). It is also of great interest for wood parquet flooring thanks to its low odour. As it is not labeled flammable, it does not require special storage conditions.

## Packaging and transport

### Packaging (please contact our sales team for more details)

- Deliveries of 860 kg net weight pallets (4 drums of 215 kg net weight).
- Other packaging: upon request

### Transport

- Not regulated. For more precise details, please consult the safety data sheet

## Storage conditions and shelf-life

- Easaqua™ X D 803 is sensitive to moisture and should be kept in its sealed original container or in a volume tank under dry nitrogen blanketing at room temperature.
- A shelf life of 12 months is expected provided that the product is kept in its sealed original container at 25 °C.

## Inflammability and safety instructions

- Before handling this product please refer to its safety data sheet as new technology requires new ways of handling products.

### warning to users

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