



CROSSLINKING AGENTS

HYDROSIN® B-05



LOW TEMPERATURE BIO BASED CROSSLINKING AGENT WITH UNIQUE DE-BLOCKING AGENT

DESCRIPTION

HYDROSIN® B-05 is a very effective and mainly BIO-BASED waterborne crosslinker. It improves general properties of finishes, coatings and prints, like wet- and dry rubfastness, hydro and oil repellency, washfastness. Shows low yellowing tendency.

TECHNICAL INFORMATION

APPEARANCE	Light bluish and translucent to yellowish and opaque dispersion
IONIC CHARGE	Non ionic
pH	6 - 9
DILUTION	Miscible in all proportions with (cold) water
FLASH POINT	>100°C (212°F)
BOILING POINT	100°C (212°F)
ACTIVE MATTER	38-42% (wt)

SPECIAL FEATURES

- Does not yellowing treated fabrics.
- Deblocking onset temperature of active product 99°C by DSC.
- Water based emulsion, VOC-free.
- Does not contain APEO or organotin compounds.
- DMP, DIPA and MEKO free
- Bio-based carbon approx. 37±3%
- Derives from main bio-based component.

TECHNICAL SPECIFICATIONS

Solid content: **38-42%**
pH: 6 - 9

NOTES FOR APPLICATIONS

HYDROSIN® B-05 can be added to the finishing bath. Depending on the required treatment, we suggest to use between 5 to 20 g/l of the product. For mixing with fluoro and fluoro-free emulsion we recommend 10 – 20 %.

STORAGE AND STABILITY

HYDROSIN® B-05 should be stored at temperature between 5 – 30°C and in this condition, it can be kept for at least 6 months.

PERSONAL SAFETY

HYDROSIN® B-05 please carefully read the current Safety Data Sheet for a safety use of the product.

PACKAGING

- **Kg 120** / Plastic drum
- **Kg 1000** / IBC