



CROSSLINKING AGENTS

HYDROSIN® C-20

CROSSLINKER FOR TEXTILE APPLICATIONS



DESCRIPTION

HYDROSIN® C-20 is a water-based stabilized crosslinking agent. It improves water and oil repellence of fluorocarbon textile auxiliaries.

HYDROSIN® C-20 does not change the original appearance of the finishes.

TECHNICAL INFORMATION

APPEARANCE	Milky white dispersion
IONIC CHARGE	Non ionic
pH (5% in water)	4 - 6
DILUTION	Miscible in all proportions with (cold) water
FLASH POINT	> 100°C (212°F)
BOILING POINT	100°C (212°F)
ACTIVE MATTER	39 - 41% (wt)

SPECIAL FEATURES

- Improve the efficiency of fluorocarbon products.
- Water-based emulsion, non-flammable.
- Formaldehyde-free.
- Does not contain PFC, PFOA, PFOS, APEO or organotin.

TECHNICAL SPECIFICATIONS

Solid content: **39 - 41%**

pH (5% in water): **4 - 6**

APPLICATIONS

HYDROSIN® C-20 can be applied by padding, diluted with cold water and added to the finishing bath.

Depending on the required treatment, we suggest to use between 5 to 20 g/l of the product or to add 10 - 20% in the whole formulation.

STORAGE AND STABILITY

HYDROSIN® C-20 should be stored at temperature between 5 and 40°C. In this condition it can be kept for at least 6 months. The product is not sensitive to frost.

NOTES FOR APPLICATIONS

■ 100 % PES

10 - 40 g/l Fluorocarbon resin
2 - 5 g/l HYDROSIN C-20
0,2 ml/l Acetic acid 60%

- Pad, cure 20 - 40 seconds at 170-180°C

■ PES/CO or 100% Cotton

30 - 50 g/l Fluorocarbon resin
5 - 10 g/l HYDROSIN C-20
1 ml/l Acetic acid 60%

- Pad, cure 2 - 4 minutes at 150 - 160°C
or 20 seconds at 175-180°C

PERSONAL SAFETY

Please carefully read the current Safety Data Sheet for a safety use of the product.

PACKAGING

- **Kg 120** / Plastic drum 1H2
- **Kg 1000** / IBC 31HA1