



ECHO PU 249 F

Water - based polyurethane adhesive



Technical features

		<u>Data</u>	<u>Tolerance</u>
ECHO PU 249 F	Viscosity at 20° C	560 mPas	± 15%



Purpose

ECHO PU 249 F is an ecological low viscosity adhesive. It is a polyurethane water based dispersion to be used preferably by spray.

ECHO PU 249 F can be employed in folding, lining, bonding, operations of particularly difficult synthetic materials and for synthetic heels and wedges binding.

It shows a good initial tack and heat resistance, and contrarily to the traditional polyurethane adhesives, it can be applied without the typical heat reactivation because it has a reasonable open time that guarantees a good initial bonding strength.

It can be used as one-component but the best performances are achieved using it in combination with ecological activators such as **Keck Dur 859** in a quantity of 3 – 5 % wt.



Mode of use

1. If necessary, add the Keck Dur 859 in the percentage of 3 – 5 % wt. And mix carefully. Pot-life of the mixture is 12 hours approximately.
2. Apply the mixture on both surfaces.
3. Wait the complete water evaporation; waiting time depend from materials, temperature, air humidity and it can change from 5 to 20 minutes.
4. Once dry, press uniformly the surface.

The final result is achieved after 48 hours.



Note

Viscosity: Viscosity value was determined using a Brookfield RVF viscometer, RV2 spindle and a speed of 20 rpm.

Stocking: **ECHO PU 249 F** maintains its characteristics for one year if kept in the original package, properly sealed, at a temperature of between 15 and 25° C.

WARNING! If ECHO PU 249 F is kept at temperatures around 0° C it may coagulate irreversibly.

Cleaning: To clean surfaces with ECHO PU 249 F on them, simply pass a rag soaked in water over the surface if the product is still wet, otherwise we recommend using acetone.

The information contained herein is based on our technical knowledge and experience. Since it is the user's responsibility to determine the suitability of the product for his own use, he should thoroughly test any application.