

# INTERCOLL D 3442

## Technical Information

### Area of application

INTERCOLL D 3442 is a water-based adhesive for contact-bonding of upholstery foam with itself, with upholstery fabrics, leather, wood, hard fibre, paperboard, fleece and other absorbent materials.

### Characteristics

INTERCOLL D 3442 is a solvent-free contact-adhesive, which can be used as one component or together with INTERCOLL D 3436 Booster or INTERCOLL D 3438 Booster in spray-mix-application. The dried adhesive film is very flexible and resistant against ageing. It shows high initial strength as well as excellent green strength for bonding foam materials in a very short time.

### Technical data

Raw material base:	synthetic latex
Solids Content: (WPV 1 T2)	approx. 57 %
Density: (WPV 27 T2)	approx. 1,09 g/ml
Brookfield-Viscosity RVT: (WPV 23 T1, 20 rpm, Sp. 1)	approx. 800 - 1600 mPas
pH: (WPV 26)	approx. 9,0
Consumption:	approx. 50 – 90 g/m <sup>2</sup> Deviations possible depending on application
Colour:	white
Storage temperature:	+5 °C to +30 °C, sensitive to frost
Storage:	max. 6 months at +20 °C in the unopened original container
Danger Classification:	none (according to GGVS/ADR)
Approvals:	



## Instructions for use

Dilution:	The adhesive will be delivered as a ready-for-use product. No dilution will be necessary for normal use. The adhesive must not be blended with other adhesives.
Substrate preparation:	Bonding surfaces have to be free of dirt, dust and grease.
Product supply:	from pressure vessel or via free flow All parts in contact with the adhesive have to be made of stainless steel or plastic to avoid coagulation.
Cleaning:	With water when fresh, with INTERCOLL L 1815 Löser 31 after drying. Do not use cleaning agents containing substances that interfere with adhesion like silicones, oils or similar.
Safety instructions:	Do not inhale the spray mist. Therefore, it is necessary taking care of using an exhausting system and if necessary personal protective equipment (breathing mask).
Processing temperature:	more than +15 °C

## One-component application

Adhesive application:	with double roller or spray gun on one or both parts. The use of a low pressure spray gun is recommended with a pressure of approx. 1,5 - 2,5 bar.
Airing time:	none
Open time:	approx. 25 minutes depending on adhesive amount, temperature and humidity of surrounding air.

## With Booster

Spray-mix-application	INTERCOLL D 3442 is mixed with INTERCOLL D 3436 Booster or INTERCOLL D 3438 Booster in the spray jet.
Adhesive application:	with spray-mix-gun, air pressure approx. 1,5 to 2,5 bar
Airing time:	none
Open time:	approx. 10 minutes (contact bonding) depending on adhesive amount, temperature and humidity of surrounding air.

## Important

We guarantee the uniform high quality of our products. All data is based on tests and many years of practical experience. The variety of materials used and the different work conditions, which lie beyond our control, preclude any claims based on this data. We therefore recommend performing sufficient tests or a pilot run. We gladly provide technical advice.

This Technical Information of 25.07.2025 supersedes all previous versions.