OrthaBond Contact Adhesive

Technical characteristics & usage advice

Toluene FREE, high-performance contact adhesive. An excellent one part Polychloropene adhesive which has an excellent final bond strength and good temperature resistance.

Features:

- Very high strength.
- Good temperature resistance.
- Toluene N-Hexane free for your safety.
- Good heat resistance for post-bond grinding/buffering.

Application:

Apply to both surfaces and allow to tack - 15 minutes as a general rule, but can be longer for materials such as PPC. A heat activator can be used where required.

Use for:

EVA, Leather, Rubber, PU, Cork, PVC (Hardened), PPC, PE

Instructions for use:

1. Sand, grind or rough all materials prior to bonding to increase surface area,
2. Clean and remove all grinding dust and fibres.
3. Apply a thin, even coat of contact adhesive to both materials.
4. Leave to dry for 10 minutes prior to bonding, this allows the solvents used to carry the adhesive to dissipate, ensuring the strongest possible bond.
5. Press and hold surfaces together for 1 minute.
6. Maximum adhesion have occurred after 24 hours

algeos www.algeos.com ALGEOS
+44 (0) 151 448 1228
info@algeos.com
www.algeos.com

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Polymer base:	Polychloroprene (Neoprene)
Solid content (% NV):	23 +/- 1%
Specific weight approx:	0.84 kg/litre
Brookfield Viscosity LVF:	From 1.500 to 2.300 (mPa.s) at 22 +/- 2°C
Colour:	Yellowish caramel
Stability:	Good for a period of 6 months, when stored in well-sealed packaging and in a cool-dry place
Drying time:	Around 15-20 minutes depending on the porosity and type of materials, the humidity and the environment temperature.
Open time:	*Contact bonding:* Medium/short, from 15 to 120 minutes, depending on the previously described factors. *By heat activation:* Using a flash activator, at 65-75°C, it can be used any time after the contact open time is finished.
Specific properties:	Standard contact adhesive n-Hexane and Toluene Free; with high tack and initial strength, and good heat resistance, open time is relatively long.

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