

**Transparent contact adhesive for bonding
PVC roofing membranes and PVC sheeting / synthetic leather**

PROPERTIES

- Easy application by brush, roller or spray
- High cohesive strength of the bonded materials
- Lightfast, no contact discoloration
- Resistant to water, ageing and plasticizers

POSSIBLE USES

TEROSON AD 914 is used for bonding PVC roofing membranes, sheeting and synthetic leather with each other and on galvanized sheet steel, sheet zinc, copper, copper and lead foils, aluminum (untreated, anodized, powder- and wet-coated), aluminum foils, metals (crude, phosphatized, pre-coated, stove-enameled, anodized), wooden building materials, GRP and bituminous sheeting.

With the help of TEROSON AD 914, PVC waterproofing membranes can be fixed on steep-faced or high-pitched areas (roof parapets), concrete, fiber cement, polyester, rigid PVC, ABS and wooden materials. TEROSON AD 914 serves as a barrier against plasticizer migration when bonding products like TEROSON TA FLEECE and TEROSON TA ALU on plasticized PVC (e.g. plastic roofing membranes).

TEROSON AD 914 is a solvent-borne, rubber-based contact adhesive. The resulting bonds have a high cohesive strength and feature good lightfastness. Since there is no risk of contact discoloration, the bonding of light-colored PVC sheeting is no problem. The high initial tack also allows bonding under tension. TEROSON AD 914 is resistant to water and offers good resistance to ageing and plasticizers.

SUBSTRATE PREPARATION

The substrates to be bonded must be load-bearing, clean, sound, level, dry and free of dust, grease, oil and cracks. Highly absorbent substrates should be pre-treated with a generous coat of deep-acting primer according to the manufacturer's instructions.



APPLICATION

Apply the adhesive uniformly with a brush, roller or spray device on both sides of the areas to be bonded. Allow for a flash-off time of approx. 10 to 15 minutes, depending on application method, layer thickness, temperatures, room ventilation and air humidity. After that, the materials can be joined. Too early joining may result in reduced bonding strength. A safer way to determine the proper flash-off time is the finger test.

When reaching the right moment for joining, place the areas to be bonded accurately on top of each other. Later adjustment of the position is not possible. Firmly press the surfaces together. The strength of the bond depends on the intensity of the pressure applied. We recommend using a hard rubber roller. Good initial strength is already achieved immediately after joining.

PLEASE NOTE

Temperatures below +5°C, humidity and wetness, snow and ice, biting wind and frost may have a detrimental effect on the bond. Therefore do not apply the adhesive under these conditions (see DIN 18338).

CLEANING

Remove excess adhesive/stains with a suitable cleaner while the adhesive is still uncured, also on tools. Wear solvent-resistant gloves and eye protection. Use a roller or a paint brush made of natural bristles.

Make sure to follow the aforementioned safety measures. For detailed safety information refer to the respective Safety Data Sheets.

IMPORTANT INFORMATION

Please refer in particular to the following guidelines and regulations in their currently valid versions:

DIN 1055, part 4: Assumed loads for buildings, traffic and wind loads with buildings not susceptible to vibration

DIN 18338: Roof covering and roof sealing work

Flat Roof Guidelines issued by the respective trade associations

Guidelines for the Planning and Execution of Roofs with Waterproofing

TECHNICAL DATA

TEROSON AD 914

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| Material base: | nitrile-butadiene rubber (NBR) |
| Consistency: | liquid, brushable |
| Odor: | smells of ester and ketones |
| Color: | turbid, transparent |
| Density at +20 °C: | approx. 0.9 g/cm ³ |
| Solid content: | approx. 28 % |
| Application temperature (air and substrate): | +5 °C to +30 °C |

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| Heat resistance: | approx. +80 °C |
| Flash-off time: | Depends on air / substrate temperature and relative humidity. Carry out a finger test. |
| Open time (at +23 °C / 50 % rel. humidity): | approx. 10 – 15 minutes |
| Consumption: | approx. 200 - 300 g/m ² , depending on substrate condition and application method, when applied on both sides (contact bonding) |

STORAGE / SHELF LIFE

TEROSON AD 914 can be stored for 12 months in a cool place, ideally between +10 °C and +20 °C.

PACKAGING

Supplied in a 10 kg bucket

DISPOSAL

Only return the completely emptied packaging for recycling. Dispose of hardened product residues as household-type industrial waste or construction site waste. Unhardened product residues must be taken to a collection point for hazardous waste.

European Waste Code (EWC): 080409

Apart from the information given in this Technical Data Sheet it is also important to observe the relevant guidelines and regulations of various organizations and trade associations as well as the applicable national standards. All data given were obtained at an ambient and material temperature of +23°C and 50 % relative humidity unless specified otherwise. Please note that in other climatic conditions hardening may be accelerated or delayed and take the resulting consequences into account.

The above information, in particular proposals for the handling, application and use of our products, is based on our knowledge and experience. As materials and conditions may vary with each intended application and thus are beyond our influence, we strongly recommend that in each case the user conducts sufficient tests to ensure our products are suitable for the intended application method and use. Legal liability cannot be accepted, either based on the content of this data sheet or any verbal advice given, unless there is evidence of carelessness or gross negligence on the manufacturer's part.

This Technical Data Sheet supersedes all previous issues. Please refer to our Safety Data Sheet for hazard warnings, safety advice and information on transport labelling.

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