

TK 914

Terokal 914

**Transparent contact adhesive for bonding
PVC plastic roofing membranes and PVC sheeting / synthetic leather**
Material base: nitrile butadiene rubber

PROPERTIES

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

SCOPE OF USE

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

Terokal 914 is used for bonding PVC sealing membranes on steep-faced or high-pitched areas (roof parapets), concrete, fibrous cement, polyester, rigid PVC, ABS and wooden materials. Terokal 914 serves as a barrier layer to prevent plasticizer migration when fixing e.g. Terostat Fixing Tape and Terostat Alu Fixing Tape on plasticized PVC, e.g. plastic roofing membranes.

Terokal 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 danger of contact discoloration, the bonding of PVC sheeting in many different light colours is no problem. The high initial tack also allows bonding under tension. Terokal 914 is resistant to water and offers good resistance to ageing and (ester) plasticizers.

SUBSTRATE PREPARATION

The surfaces to be bonded must be load-bearing, clean, solid, level, dry and free of dust, grease, oil and cracks. Prime highly absorbent substrates with a generous coat of diluted Terokal 914 (max. 10 % Terokal R Thinner).

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 the working method, layer thickness, temperature conditions, 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. A later re-positioning is very difficult. Firmly press the adherent surfaces together. If firm hand pressure is not sufficient, e.g. for materials of greater thickness, the contact pressure must be increased by weights or by means of a press. Good initial strength is already achieved immediately after joining.

Due to the consistency of the adhesive, it can also be applied by airless spray gun. Please contact us for sources of supply.

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 18 338). Lower temperatures (> +5 °C) require a longer drying time. Therefore do not embed the material too early into the adhesive.

Cleaning:

Remove excess adhesive/adhesive stains with Teroson R Cleaner while still uncured, also on tools. Use solvent-resistant gloves, eye protection, roller and a 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

Apart from the information given, it is important to also observe the relevant guidelines and regulations of various organizations and trade associations as well as the respective DIN standards.

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 18 338 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

The above information, in particular proposals for the handling, application and use of our products, is based on our knowledge, experience and application tests. As materials and site- or application-specific conditions may vary from those described here and are thus beyond our control, we strongly recommend that the user always conducts sufficient tests to ensure our products are suitable for the intended application method and use. Legal liability cannot be accepted - neither based on the content of this Technical Data Sheet nor any verbal advice given - unless there is evidence of carelessness or gross negligence on the manufacturer's part.

In case of questions, please consult our advisory service. Technical hotlines:

Facade work: phone 02 11 / 797 - 106 50/64
fax 02 11 / 798 - 20 65

Roof work: phone 0 60 53 / 708 - 141
fax 0 60 53 / 708 - 113

This Technical Data Sheet supersedes all previous issues.

Please refer to our Safety Data Sheet for warnings, safety advice and transport labelling.

STORAGE

Store in a cool place. The most favourable storage temperature is between +10°C and +20°C. The permitted shelf life is 12 months.

DISPOSAL

Dispose of or recycle the packaging according to the local regulations.

PACKAGING

10 kg bucket

TECHNICAL DATA

Material base:	nitrile-butadiene rubber (NBR)
Colour:	turbid, translucent
Odour:	smells of ester and ketones
Consistency:	liquid, brushable and sprayable
Application temperature (air and substrate):	+5 °C to +30 °C
Density at +20 °C:	approx. 0.9 g/cm ³
Solid content:	approx. 28 %
Cleaner:	Teroson R Cleaner
Heat resistance:	approx. +80 °C
Minimum flash-off time:	Depends on air/substrate temperature and rel. air humidity. Carry out the finger test.
Open time (+23 °C / 50 % rel. air humidity):	approx. 10-15 minutes
Required amount:	Depends on substrate condition and application method. Approx. 200 to 300 g/m ³ when applied on both sides (contact bonding).

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