

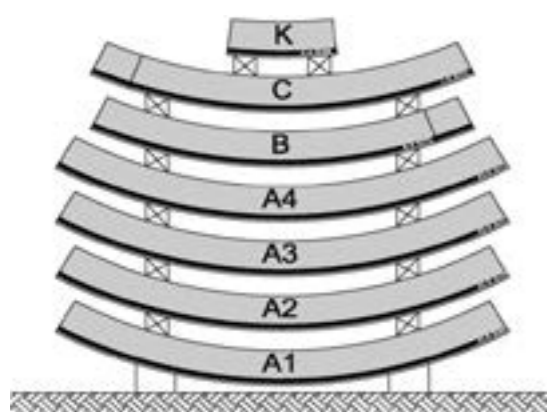
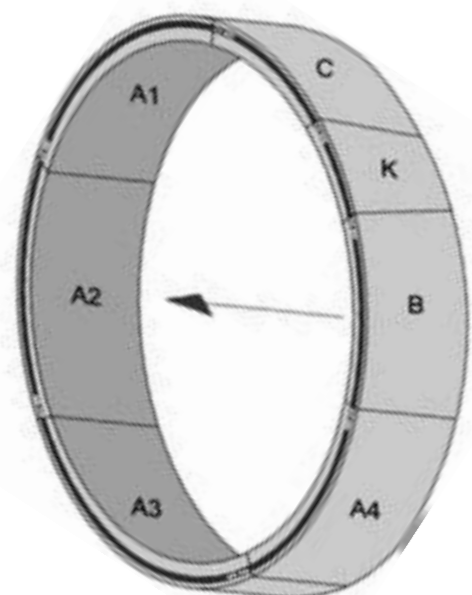
INSTALLATION INSTRUCTIONS FOR TUNNEL GASKETS WITH CONTACT ADHESIVE AND BRUSH

Instructions

NO MATTER WHAT
THE FUTURE HOLDS



INSTALLATION INSTRUCTIONS FOR TUNNEL GASKETS WITH CONTACT ADHESIVE AND BRUSH



Remarks

The installation procedure described here should be understood as a guideline and could vary depending on the project requirements or local conditions.

Delivery

All sealing profiles are delivered as corner-vulcanized gaskets tailor made for the individual segments. They are packed in skidded cartons.

Preparation

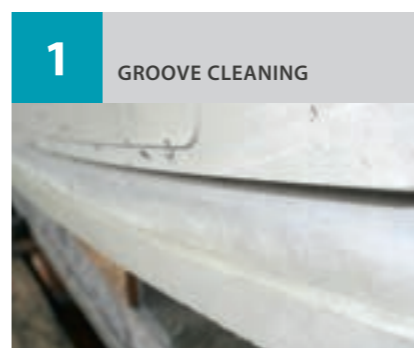
Segments and gaskets have to be kept dry and free from dust, grease or oil residue. The adhesive should be stored at a temperature between +15°C and +35°C (59°F - 95°F). Avoid direct sunlight. If the adhesive is jellied due to temperatures below 15°C (41°F) it is possible to warm up the adhesive to +20°C with a water bath (no direct heat is allowed to warm up the adhesive) to be able to work with the adhesive.

Working Temperature

The adhesive can be used at temperatures up to +35°C (95°F). The adhesive pails have to be kept covered during the installation in order to avoid vaporizing of solvents and forming a skin on the surface. The adhesive has to be stirred constantly during installation. The temperature of the segment should be above +10°C avoiding condensation.

Preparation prior to Installation

Some hours prior to installation it is recommended to unpack and keep the gaskets in a position that the gasket side lengths are straight and relaxed. After transportation and storage in cold conditions (winter time) the gaskets should be unpacked and stored in warm condition at least one day prior to installation. Dirty or dusty gaskets should be cleaned with Datwyler cleaner.



The groove has to be dry and free from dust and grease or oil residue.



The adhesive has to be applied with a brush. It has to be applied into the groove and onto the gasket areas which have contact to the groove. The adhesive should be applied equally into the groove and onto the gasket.



The gasket has to be installed after the adhesive is "tacky". The installation should be done by two workers. They should place themselves opposite on each of the short sides of the segment.



The order of the installation is as follows: First place corners and short side of the gaskets into the groove. Then place the long side of the gasket into the groove always working from the center towards the corners.



The gasket should be pressed into the groove. This should be done simultaneously by each worker. The gasket should be placed in the correct position with the first attempt, later corrections should be avoided.



The gasket will be pressed into the groove with a rubber mallet. After 3 days of storage at room temperature the bonding will reach it maximum strength.



After the installation of each gasket the position of the corners should be controlled. The gasket corner should be in line with the segment corner. Also the correct positioning of the complete gasket in the groove should be checked.

GER U4 HAFENCITY

HAMBURG | 2 x 2,8 km | PROFILTYP M 385 87a

USA NYC LINE NO. 7

NEW YORK | 2,7 km | PROFILTYP M 385 27

BG LIEFKENSHOEKSPOORTUNNEL

ANTWERPEN | 11,9 km | PROFILTYP M 389 10

AUS APL PROJECT

BRISBANE | 2,4 km | PROFILTYP M 389 10



Certification according to DIN EN ISO 9001
and DIN EN ISO 14001

Dätwyler Sealing Technologies

Deutschland GmbH

Eisenacher Landstraße 70

99880 Waltershausen

T +49 (0) 3622 633 200

E civilengineering@datwyler.com

<http://sealing.datwyler.com/>

