

Technical Manual STOPAQ FLANGE FILLER FN4200

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Text copy of STOPAQ Europe (original manufacturer)



STOPAQ[®] 
AMCORR

Purpose and application area

Corrosion prevention of steel components in gaps between for instance flange plates, valves caused by atmospheric conditions.

Introduction

STOPAQ FN4200 Flange filler is an a-polar corrosion preventative that can be used between –76 °F and 176 °F.

STOPAQ FN4200 Flange filler is non-toxic, inert and remains a paste, in order to be removable even after many years.

STOPAQ FN4200 is easy to apply to a dry base in almost all weather conditions, without pre-heating nor priming.

STOPAQ FN4200 complies with different test procedures including salt spray tests, severe weathering and other (see attachment tests).

STOPAQ FN4200 offers the following advantages:

- Immediate adhesion to steel, PE, PP, epoxy and poly-urethane (painting) coatings, without preparation (except cleaning)
- No radiation required
- No hardening time
- Is temperature insensitive (-76 to 176 °F)
- No torch necessary
- Impervious to cathodic protection
- Fully tested
- Rapid processing
- Does not age and can be re-used after many years
- Non toxic, environmentally non hazardous

Installation guide

Preparation and cleaning

The interior of the gap (flanged joint) must be dry and free of loose particles. Any loose debris must be removed with the appropriate tools (for instance brush and compressed air).

Application

STEP 1

Apply masking tape to both edges of the flanges to avoid spills or stains.

STEP 2

Use a flexible nozzle to inject STOPAQ FN4200 behind each bolt until the filling compound reaches the next bolt. Work from the inside to the outside. Remember having some cleaning towels for cleaning hands and nozzle. Always wear your safety tools like helmet and other necessary items!



STEP 3

After the flange has been completely filled, press and smoothen with a putty knife.



STEP 4

Now remove the masking tape

STEP 5

Apply STOPAQ COAT WRAP CZ to the flanged joint allowing the material to overlap the two flange plates. The overlap on the coat wrap itself must be at least 4 inches. When overlapping, any air pockets that have been created due to the overlap can be expelled easily.



STEP 6

Finish the job by applying the outerwrap that is not wider than the STOPAQ COAT WRAP CZ. The outerwrap is overlapped by itself by at least 1 foot. The final 8 inches are applied without tension.



Requirements for storage, package, shelf life and transport

See attached MSDS for toxicity

No regulations necessary for transport

Material is considered as non-toxic and not hazardous for environment.

Even though the material is expected to have an unlimited shelf life, it is recommended to have store product for not more then 3 years.

Store materials dry and clean at normal temperatures (-14 °F to 122 °F).

Other applications at transmission stations: soil air transitions, (concrete/steel) supports with STOPAQ Coat Wrap CZ. STOPAQ COAT WRAP CZ gives a perfect transition and protection at severe areas.



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