Corrosion protection compound
System STOPAQ® FN 4100/4200/CZ-Tape

Pipeline Accessories
Corrosion protection compound

System STOPAQ® FN 4100/4200

FN 4100 for subsurface applications as a filler and FN 4200 corrosion protection compound for above-ground applications between connecting flanges.

Advantages
- STOPAQ® is a soft, paste-like compound which never fully hardens and can therefore easily be removed even after years - particularly important for flanges.
- STOPAQ® is waterproof and airtight, environmentally friendly and nontoxic.
- STOPAQ® is easy to apply by means of a spray gun, can be worked when cold and, as a result, is particularly suitable for use on irregularly shaped parts. Also available as a corrosion protection tape (for wrapping) in 50 mm and 100 mm widths with a high quality outer wrap.

Properties
- Sticks to the surface of almost every type of steel, zinc, aluminium and plastic
- High electrical resistance: > 10^8 Ohms per cm
- No sandblasting or priming of the surface required
- FN4100 can be used at continuous operating temperatures from -20°C to +35°C; FN4200 from -30°C to +60°C
- STOPAQ® fulfils the requirements for corrosion protection, as required by KIWA BRL U911/01 (certificate on application)

Processing
- STOPAQ® FN4100/FN4200 can be used without the surface of the substrate being sandblasted or primed. Simple cleaning and the removal of coarse dirt is enough. FN4100 is supplied in 2 kg PE bags and can easily be kneaded and shaped by hand. FN4200 is supplied in user-friendly 0.53 kg cartridges. Since STOPAQ® never fully hardens, cartridges and nozzles can be used repeatedly. At outside temperatures of <10°C, we advise preheating the cartridges to increase viscosity.

Delivery packs

<table>
<thead>
<tr>
<th>Description</th>
<th>Art. no.</th>
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</thead>
<tbody>
<tr>
<td>STOPAQ® FN 4100, 2 kg-bag</td>
<td>4-034-21 526</td>
</tr>
<tr>
<td>STOPAQ® FN 4200, 0.53 kg-cartridge</td>
<td>4-034-21 527</td>
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<tr>
<td>Corrosion protection tape CZ, 50 mm x 10 m</td>
<td>4-034-21 528</td>
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<tr>
<td>Corrosion protection tape CZ, 100 mm x 10 m</td>
<td>4-034-21 529</td>
</tr>
<tr>
<td>Outer wrap tape Mono Top 40, 50 mm x 15 m</td>
<td>4-034-21 950</td>
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<tr>
<td>Outer wrap Mono Top 40, 100 mm x 15 m</td>
<td>4-034-21 951</td>
</tr>
<tr>
<td>Hand pistol for 0.53 kg-cartridge</td>
<td>4-015-22 822</td>
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</tbody>
</table>
STOPAQ® FN 4200 is a perfect product for preventing corrosion between above-ground flange faces. In order to protect the seal, flange faces and bolts, the space between the flanges is packed with STOPAQ® FN 4200, preventing penetration by dirt, air and moisture and thus preventing corrosion. In the case of insulating flanges, STOPAQ® FN 4200 prevents carryover of the cathode current, e.g. if there is moist contamination between the flanges.

Applications for STOPAQ® FN 4200 in protecting above-ground flange faces
- Water works and power stations
- (Petro)chemical industry
- Oil storage depots
- Gas compressor stations

STOPAQ® FN 4200 characteristics
- Quick and easy to use
- Outstanding adhesion to steel and many other surfaces without the use of special priming coats
- Permanent plasticity (flexibility)
- No drying or reaction time
- Contains no toxic substances
- Environmentally compatible
- Prolonged storage capability, depending on the type of storage and condition of the packaging
- Manufactured in accordance with NEN-EN-ISO 9001
- Certified in accordance with KIWA-BRL-K911

The STOPAQ® FN 4200 system – For above-ground use in combination with STOPAQ® CZ tape and MonoTop 40 or AluTop 30 tape.
PSI Corrosion protection System STOPAQ® FN 4200
Installation instruction

1. Remove any loose dirt or rust from between the flange jaws. Mask the flange jaws with adhesive tape, then pack the gap with STOPAQ® FN 4200 compound.

2. Remove the adhesive tape from the flange jaws.

3. Wind STOPAQ® CZ tape once around the flange jaws with a 50 mm overlap at the join.

4. Protect the STOPAQ® CZ tape with MonoTop 40 or AluTop 30.

5. The finished protected flange.