

## STOPAQ® CASING FILLER

### Technical Data

The most suitable method for the filling of pipeline casings is the STOPAQ® Corrosion Preventative system for Casings. When the casing is filled with the high dielectric casing filling material, the water is displaced and new water is prevented from entering. This rules out corrosion.

In relation to the effectiveness of this system in which STOPAQ® Casing Filler is injected as a Casing Filler material supported by a superior endsealing solution, the STOPAQ® Oil & Gas Services B.V. assures that it is far superior to any other coating system yet in the market. This system combines the excellent corrosion preventative properties and the visco-elastic behaviour of STOPAQ®. The Casing Filler is non-toxic, environmentally friendly and easy to apply.

STOPAQ® Casing Filler will protect the casing itself from corroding. Pinholes occur in the walls of casings as the cathodic protection current leaves the inner surface of the casing and flows through casing water to the carrier pipe. Even in the absence of groundwater, moisture and condensation are usually present in the atmosphere in the casing. This moisture, in combination with the oxygen present, can result in corrosion of the carrier pipe at pinholes and other damaged parts of the coating. This cannot happen when the casing is filled with STOPAQ® Casing Filler.

This means the system is maintenance-free for the next years to come. This is very important for casings that are not subject to regular inspection.

### Application Procedure (Summary)

STOPAQ® Casing Filler is delivered to the casing job site in a heated tank truck and pumped down the casing vent as a hot liquid. As it cools down, it congeals to a paste consistency, creating a high dielectric, corrosion preventative barrier. Once applied the products do not cure or become brittle. They stay flexible forever and maintain their optimum sealing properties. Cathodic protection current flowing through the casing to the carrier pipe is stopped.

### Product Properties\_STOPAQ® Casing Filler

<b>Colour</b>	Green
<b>Temperature range when applied:</b>	+55°C ~+80°C +131°F ~+176°F
<b>Temperature range for use:</b>	-10°C ~+ 30°C +14°F ~+86°F
<b>Density +100°C (+212°F)</b>	790 – 850 kg/m <sup>3</sup>
<b>Electrical Contact Resistance</b>	1 * 10 <sup>8</sup> Ωxm <sup>2</sup> NEN 6902 (EN 12068)
<b>Water absorption</b>	0.0 – 0.05% BRL K-911/02 (ASTM D 570)
<b>Adhesion</b>	Cohesive fracture BRL K-911/02 (EN 12068)
<b>Salt Spray Test (720hr, 5% NaCl) (+30°C/86°F)</b>	No Corrosion ASTM B117



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