TECHNICAL DATA SHEET

STOPAQ® Casing Filler	**Page: 1/2**
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1. Identification of the product

1.1 Commercial product name: STOPAQ® Casing Filler

2. 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 a high dielectric material, the water is displaced and any new water with new oxygen is prevented from entering. This eliminates the possibility of corrosion.

In relation to the effectiveness of this system in which STOPAQ® Casing Filler is injected as a casing filler material and STOPAQ® Wrappingband CZ (H) and STOPAQ® FN 4100 as casing end sealers, we can say it is far superior than any other coating system yet in the market. This system combines the excellent corrosion preventative properties and the visco-elastic behavior of STOPAQ®.
All materials are non toxic, environmental friendly and easy to install.

STOPAQ® Casing Filler will protect the casing itself from corroding. Pinholes have occurred 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 ground water, moisture and condensation are usually present in the atmosphere in the annulus of the casing. This moisture, together with the oxygen present, can result in corrosion of the carrier pipe at pinholes and other damaged parts of the coating. This can not 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 which are not going to be inspected every now and then.

2.1 Properties

PROPERTY	VALUE	TESTPROCEDURE
Temperature range when applied:	+55 ºC ~ +80 ºC +131 °F ~ + 176 °F	
Temperature range for use:	-10 ºC ~ +30 ºC +14 °F ~ +86 °F	
Density +100 °C / +212 °F	790 – 850 kg/m^3	
Electrical Contact Resistance	1 * 10^8 ohm*m	NEN 6902 (EN 12068)
Water Absorption	0.0 - 0.05 %	BRL K-911/02 (ASTM D 570)
Adhesion	Cohesive fracture	BRL K-911/02 (EN 12068)
Salt Spray Test (720 hr, 5% NaCl) (+30 ºC / + 86 °F)	No corrosion	ASTM B117

3. Application Procedure (Summary)

The 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 firms up to a paste consistency, creating a high dielectric, corrosion preventative barrier.
Once applied the products do not cure or become brittle. They stay flexible fore ever and therefore seal the objects in the most optimum way. Cathodic protection current flowing through the casing on to the carrier pipe is stopped.