

## Limited Material Warranty - standard pressure vessels

The pit corrosion speed of stainless steel EN 1.4301 increases when the water chloride reaches level 50 mg Cl/l. If the chloride exceeds 50 mg Cl/l, we do not treat any defects as a warranty claim. The warranty is never valid for tanks used in seawater environment or in brackish water environment, neither covers the warranty any defects in which the electric conductivity of the water exceeds 550  $\mu\text{S}/\text{cm}$ . Despite the possible warranty claim we reserve the right to refuse any payment or reserve the right to pay a partial compensation only. In warranty cases we reserve the right to use a prorated (\*) warranty, in which the maximum life-cycle of the tank is limited to five (5) years or eight (8) years on a project-basis. The maximum life-cycle exceeded no manufacturer warranty whatsoever is valid.

The pit corrosion speed of stainless steel EN 1.4404 (so called acid-proof steel) increases when the water chloride reaches level 450 mg Cl/l. If the chloride exceeds 450 mg Cl/l, we do not treat any defects as a warranty claim. The warranty is valid only if the manufacturer has neglected the manufacturer's duty to ascertain the corrosion properties of the water in question. Despite the possible warranty claim we reserve the right to refuse any payment or reserve the right to pay a partial compensation only. In warranty cases we reserve the right to use a prorated (\*) warranty, in which the maximum life-cycle of the tank is limited to five (5) years or eight (8) years on a project-basis. The maximum life-cycle exceeded no manufacturer warranty whatsoever is valid.

The general corrosion of hot-dip galvanized steel (P265GH) accelerates if the pH is lower than 5.6. The warranty is valid only if the manufacturer has neglected the manufacturer's duty to ascertain the corrosion properties of the water in question. If the pH is lower than 5.6, we do not treat any defects as a warranty claim. Despite the possible warranty claim we reserve the right to refuse any payment or reserve the right to pay a partial compensation only. In warranty cases we reserve the right to use a prorated (\*) warranty, in which the maximum life-cycle of the tank is limited to five (5) years or eight (8) years on a project-basis. The maximum life-cycle exceeded no manufacturer warranty whatsoever is valid.

In case the influent is very corroding, one must utilize plastic coating or electrolytic protection for zinc products and correspondingly chemical or electro chemical pickling for stainless steel products. Alternatively, one must choose high-alloy stainless steel as a base metal.

The warranty is never valid for tanks used in seawater environment or in brackish water environment without a separate agreement, neither covers the warranty fully any defects in cases in which the electric conductivity of the water exceeds 850  $\mu\text{S}/\text{cm}$ . Despite the possible warranty and the warranty claim we reserve the right to refuse any payment or reserve the right to pay a partial compensation only. In special warranty cases with a limited written warranty granted separately, we reserve the right to use a prorated (\*) warranty, in which the the maximum life-cycle of the tank is limited to three (3) years or five (5) years on a project-basis. The maximum life-cycle exceeded no manufacturer warranty whatsoever is valid.

The warranty is never valid with water, in which the total account of bacteria exceeds level 1000 pmy/100 ml (22°C).

In warranty cases, it is always a matter of the buyer to show that the conditions mentioned above can be fulfilled. The corrosion warranty is never valid without the parameters like chloride (Cl), electric conductivity (EC) and total bacteria account. Without a separate written agreement, the manufacturer is never responsible of the laboratory analysis costs. If mutually agreed that the claim is a matter of warranty, the manufacturer is responsible to pay the analysis of Cl, EC and bacteria.

The manufacturer shall not be liable any direct, indirect, incidental, consequential or other damages including, but not limited to, loss of profits or damage to the building or its contents under any theory of law whatsoever.

(\*) Prorated, Pro rata: To count based on amount of time that has passed out of the total time.