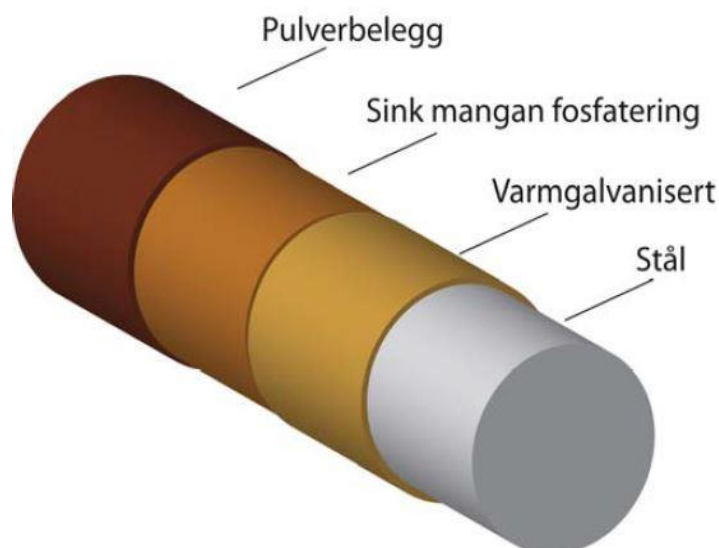


Product Data Sheet for Pc-Coat™



Pc-Coat™

Hot-dip galvanizing, zinc and manganese phosphating and epoxy or polyester powder coating.

Description

Pc-Coat is the Pretec Group's trademarked Duplex system, a combination of hot-dip galvanizing and powder coating. This combination provides optimal protection for products that are exposed to the elements. Pc-Coat offers unique durability and significantly extended product working life, particularly in corrosive environments.

Powder coat Selection

Powder coating can be supplied with polyester and/or epoxy. A wide range of colors is available, normally supplied as per RAL or NCS color matching standards. Epoxy coated products should not be stored or exposed uncovered outdoors since direct sun light may deteriorate quality over time.

Technical information:

Hot-dip galvanizing is carried out in accordance with ISO 1461 or specified requirements. Powder coating is carried out in accordance with EN 13438. Zinc and manganese phosphating, in combination with surface treatments such as hot-dip galvanizing followed by powder coating, provides long life time for exposed products. Pc-Coat is tested according to ISO 12944-9 and suited for use in corrosive environments included corrosion class CX.

Quality

The entire process – from inspection of incoming raw materials, mechanical production and coating and associated chemical processes, through to finished product – is carefully monitored by our quality-control team. All tests and inspections in conjunction with daily quality-assurance management are performed in our own laboratory. Our operations are certified in accordance with: ISO 9001:2015, ISO 14001:2015, and EN 1090-1:2009

Environment

Pc-Coat offers long-term corrosion protection and associated cost-effectiveness without any negative impact on the environment. The coating is environmentally friendly, and chemistry is water based, without volatile solvents or harmful hardeners. After the process is completed and the epoxy coating is cured, no evaporation of gases occurs. Pc-Coat are approved for use in constructions following BREEM certification, which is available on request.