



## FolaSal® StronSal®

### General properties of StronSal®

StronSal®, a newly developed hot-dipped coating for steel products, provides ultimate corrosion protection properties that add up to a high performance coating for all applications where zinc-plated steel is essential.

/ StronSal® consists of zinc and small fractions of magnesium (1 to 2%) and aluminum (1 to 2%).

/ StronSal® offers extraordinary corrosion protection with coating layers of constant properties and reduced thickness by comparison with standard hot-dip galvanized layers (Z). Salt spray tests returned a corrosion resistance two to six times higher by comparison with standard zinc coating. / StronSal® impresses with convincing, superior varnish adhesion.



Example of use: facade cladding

/ StronSal® offers improved cutting edge protection. Thanks to its special resistance against corrosion, the protective effect achieved with this anticorrosive plating is significantly higher than the protection produced by standard products.

/ StronSal® offers tremendous resource saving potential thanks to the zinc savings achieved. Our latest product developments make a substantial, sustained contribution to environmental protection.

### Special features of FolaSal® StronSal®

The product combines the positive properties of the FolaSal® organic surface coating with the extraordinary corrosion protection of StronSal®.

/ The composite material benefits from the improved metallic substrate material.

/ Organic coating can consist of synthetic resin varnish or plastic dispersions. The product range is rounded off by decorative or protective foil coatings.

/ FolaSal® StronSal® varnish and foil coatings provide properties that are tailored to meet the requirements of all central fields of applications.

/ The FolaSal® StronSal® coating system is approved by DIBt for applications in light-

weight steel construction. FolaSal® StronSal® meets requirements in accordance with corrosion protection class K111 to DIN 55928-8. (Applies to coating systems with a minimum zinc plating (ZM) density of 140 g/m<sup>2</sup> and a varnish layer thickness of 25 µm.)

### Product range FolaSal® StronSal®

**Zinc coating** ZM100  
ZM140

**Steel grades** DX51D+ZM  
DX52D+ZM  
DX53D+ZM  
DX54D+ZM  
S220GD+ZM  
S250GD+ZM  
S280GD+ZM  
S320GD+ZM

**Thickness range [mm]** 0.40 - 2.50

**Width range [mm]** 900 - 1,610

Coating systems, colourings and colour range like FolaSal®

We constantly refine and enhance the delivery programme for FolaSal® StronSal®. Please contact our sales people regarding your current requirement.

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