

HEUCOSIL CTF

ANTICORROSIVES

No Limits!

A highly effective zinc-free Anticorrosive based on a calcium modified silica gel

heubach

COMPETENCE IN COLOR

Demanding applications require outstanding solutions!

Environmentally friendly pre-treatment and corrosion protection of steel and aluminium sheets for coil coating is becoming increasingly important and requires continuous R & D efforts to provide suitable and effective corrosion protection solutions. Heubach has added a new chemistry to its present product line to meet the specific performance requirements for Coil Coatings and other Thin-Film applications.

HEUCOSIL CTF is a highly effective zinc-free anticorrosive based on a calcium modified silica gel. The relatively high surface area of HEUCOSIL CTF combined with the negligible solubility of the pigment particles reduces film breakdown. The result is extremely low blistering and permeability during the weathering resulting in outstanding long term protection.

HEUCOSIL CTF provides pH-stabilization which allows aggressive corrosion stimulating ions to enter the paint film providing the presence of basic contents. The low density allows a very high quantity of active particles per unit weight.

The combination of HEUCOSIL CTF along with other active pigments provides further advantages in some applications.

2000h SS DIN 50021 on galvanised steel, PVDF Topcoat

Binder

Primer: High molecular polyester

Topcoat: PVDF

Substrate

Hot dipped galvanized steel pre-treated with Bonder 1303/NL6800/OE chromium-free

Dry film thickness

Primer: 6-8 microns

Topcoat: 20-24 microns



480h SS DIN 50021 on CRS R46, PVDF Topcoat

Binder

Primer: High molecular polyester

Topcoat: PVDF

Substrate

Cold rolled steel un-treated

Dry film thickness

Primer: 6-8 microns

Topcoat: 20-24 microns



848h SS DIN 50021 on CRS R46, primer only

Binder

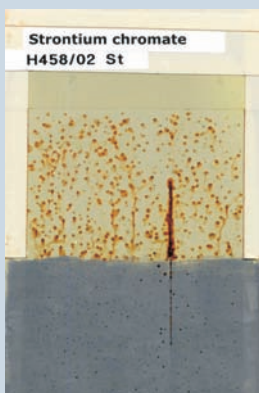
Primer: High molecular polyester

Substrate

Cold rolled steel pre-treated with Bonder 265S/6800/OC chromium-free

Dry film thickness

Primer: 6-8 microns



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Our product specific and application information are based upon our current knowledge. They are non-binding and cannot be taken as a guarantee. The processing company must establish the suitability of individual products itself. As their use lies beyond our knowledge and control, we cannot accept any liability relating to the use of our products in particular applications. In addition to that, the legal rights of third parties must always be considered. The specification agreed between the customer and ourselves is the basis upon which our general sales and delivery conditions are set and is the deciding factor concerning any liabilities. Our standard specification is then valid if no specification has been agreed upon between the customer and ourselves.

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