

Corus Colors

Motiva™ Cold

Pre-finished steel for domestic appliances



Motiva™ from Corus is a range of pre-finished steel products specifically developed for the domestic appliance market.

Motiva™ Cold product range

The Motiva™ Cold range of pre-finished steel from Corus is specially formulated for Cold domestic appliances that require

exceptional durability. These include refrigerators, upright and chest freezers.

Product Description

| Product | Description |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Motiva™ SE | - Scratch resistant, textured product designed to withstand knocks and scuffs. |
| Motiva™ OP | - Particularly suitable for 'mix and match' with post-painted products. Anti-corrosive product with an open structure and glossy finish. |
| Motiva™ CL | - Superior scratch and mar resistance, available with high or low gloss finish as specified. |
| Motiva™ KP | - Textured product that provides improved corrosion resistance, even when using a Cold Rolled substrate. |
| Motiva™ SS | - Stainless steel product with anti-finger marking properties. |
| Motiva™ SIT | - Stainless Steel imitation product with anti-finger marking properties. |
| Motiva™ SIA | - Stainless Steel imitation product with anti-finger marking properties. |
| Motiva™ SIG | - Stainless Steel imitation product with anti-finger marking properties. |
| Motiva™ SM | - Smooth product with high resistance to staining and domestic reagents. |
| Motiva™ G | - High gloss product with whiteboard capabilities. |
| Motiva™ K | - Textured product with excellent scratch resistance. |

Motiva™ Cold

Substrates for Cold applications

Corus offer a range of cold reduced, hot-dip galvanised and stainless steel grades for domestic appliances. Contact Corus for advice on specific applications.

| Substrates | Standard | Corrosion resistance |
|--------------|-------------------|----------------------|
| Cold reduced | BS EN 10 130:2006 | Low-Med* |
| Galvatite® | BS EN 10 327:2004 | High |

* Resistance level depends on the organic coating system used.
For information on our stainless steel grades - please contact us.

Dimensions of Motiva™ Cold product range

| Dimension | CR | | Galvatite® | | Galvatite® |
|----------------|------------|------|----------------|--------|------------|
| | DA310 | DC05 | DX51 | DX53/4 | |
| Thickness (mm) | Width (mm) | | | | |
| 0.4 | 0.499 | 1300 | Refer to Corus | 1300 | N/A |
| 0.5 | 0.599 | 1420 | Refer to Corus | 1420 | N/A |
| 0.6 | 1.200 | 1420 | 1420 | 1420 | 1420 |

NB: Please contact us regarding dimensions marginally outside those shown in the table

Product testing

All the products in the Motiva™ Cold range are subject to rigorous test procedures to ensure that they are the right product for your end application. Standard tests include corrosion testing, flexibility, stain testing and colour consistency. All the Motiva™ products are also safe for indirect contact with foodstuffs.

Where relevant, Corus can undertake additional testing in conjunction with your requirements.

Typical properties

Motiva™ Cold

| | | |
|-----------------------------|-------------|----------|
| Thickness (min) | 25 µm | |
| Specular gloss (60°) | 20-85 | |
| Pencil Hardness | From F-2H | |
| Flexibility | 0.5 T | |
| Adhesion | | |
| Taping after T bend | No pick off | |
| Cross hatch | 100% | |
| Corrosion resistance | CR | HDG |
| Salt spray | 500 hrs | 500 hrs |
| Humidity | 500 hrs | 1000 hrs |
| Abrasion resistance (Taber) | 25 mg | |
| Stain resistance | Excellent | |

General notes

The figures contained in this table are typical properties and do not constitute a specification. Information is for guidelines only and all limits are subject to strict operating conditions. Please refer to the Motiva™ product selector or contact us for more information.

There are slight differences between our silver and white products, please refer to the specific product datasheets for more information.

For stainless steel and stainless steel imitation products please contact us.

Corus contact details

For advice or technical enquiries or to request samples:

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Language English 0507