RUST-OLEUM MATHYS
best solutions in paints & coatings

PRODUCT DATA METAL CLADDING PRIMER

DESCRIPTION
MATHYS® Metal Cladding Primer is a water dilutable coating based on a modified styrene acrylic copolymer and specially designed for application on weathered metal cladding.

MAIN PROPERTIES
Easy to apply - Quick drying - Can be applied on all metal substrates including galvanised metal and plastisol - Lead- and chromate free.

RECOMMENDED USES
MATHYS® Metal Cladding Primer can be used on a wide variety of substrates like bare or blasted steel, galvanised steel, zinc, aluminium and steel protected by plastisol.

The Metal Cladding Primer is primarily intended for brush application and can also be applied by roller and spray. It provides corrosion protection under light industrial exposure conditions, if followed by a coat of MATHYS® Metal Cladding Topcoat.

On bare or blasted steel two coats of Metal Cladding Primer should be applied prior to the application of the Metal Cladding Topcoat.

TECHNICAL DATA

Appearance:	Matt finish
Colour:	White, light grey, dark grey (RAL 7011)
Density:	1.29 kg/l
Solids Content:	43.7% by volume ± 0.6
Viscosity:	95 - 105 KU /Krebs Stormer Units at 20°C
Recommended film thickness:	35 µm dry, equals 80 µm wet
VOC-content:	14 g/l max.
Ready-for-use mixture:	14 g/l max.
Category:	A/i
EU Limit values:	150 g/l (2007) / 100 g/l (2010)

Drying times	20°C/50% r.h.	10°C/60% r.h.	30°C/50% r.h.
To touch:	30 minutes	1 hour	15 minutes
To handle:	1 hour	2 hours	30 minutes
To recoat:	After 1 hour	After 6 hours	After 1 hour
Full hardness	3 days	5 days	2 days

Heat resistance: 80°C (dry heat)

Coverage

Theoretical:	12.5 m²/l at 35 µm dry
Practical:	Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

SURFACE PREPARATION
Remove grease, oil and all other surface contaminations by alkaline or high pressure (steam) cleaning in combination with appropriate detergents.
For optimum results remove rust, rust scale, mill scale and deteriorated coatings by abrasive blasting to Sa 2½ (ISO 8501-1: 1988), blast profile max. 50 µm.
If blasting is not possible remove loose rust and loose coatings by scraping and/or wire brushing to St 3 (ISO 8501-1: 1988).

Rust-Oleum Netherlands B.V.
Braak 1, 4704 RJ
P.O. Box 138, 4700 AC
Roosendaal, The Netherlands
T +31 (0)165 593 636
F +31 (0)165 593 600
info@rust-oleum.eu
www.rust-oleum.eu

N.V. Martin Mathys S.A.
Kolenbergstraat 23
3545 Zelem
Halen, Belgium
T +32 (0)13 460 200
F +32 (0)13 460 201
info.be@ro-m.com
www.ro-m.com

Rust-Oleum France S.A.S
11, Rue Jules Verne, B.P. 60039
95322 St-Leu-la-Forêt Cedex
France
T +33 (0)1 30 40 00 44
F +33 (0)1 30 40 99 80
info.fr@ro-m.com
www.ro-m.com

Rust-Oleum UK Ltd.
Rotterdam House
116 Quayside
Newcastle
NE1 3DY
United Kingdom
T +44 (0)2476 717 329
F +44 (0)2476 718 930
info@rust-oleum.eu
www.rust-oleum.eu

PRODUCT DATA METAL CLADDING PRIMER

Zinc or aluminium corrosion products can be removed with RUST-OLEUM Surfa-Etch 108 Etching Solution followed by rinsing with plenty of fresh water, or by brush-off blasting. Remove deteriorated coatings by scraping and wire brushing. Sand intact coatings to roughen the surface slightly. The surface must be clean and may be slightly damp during application.

DIRECTION FOR USE

To ensure homogeneity, coating materials should be thoroughly stirred prior to use.

APPLICATION & THINNING

Brush:	Sparingly, if required, with water. Use brushes based on a mixture of synthetic/natural bristles.
Roller:	Sparingly, if required, with water Use medium nap, 8-12 mm, woven acrylic or polyester rollers. Roller application may require 2 coats to achieve recommended dry film thickness.
Air-atomised spray:	Sparingly, if required, with water. Gravity cup and pressure cup. Tip size: 1.2 -1.8 mm. Atomising pressure: 2 - 4 bar.
Airless spray:	Sparingly, if required, with water. Pneumatic and electric airless equipment. Tip size: 0.015-0.018 inch. Fluid pressure: 150 - 225 bar. Check wet film thickness, avoid excessive film thickness.
Cleanup:	Immediately after use with water and soap.

APPLICATION CONDITIONS

Temperature of air, substrate and coating material between 10 and 35°C and relative humidity below 85%. The substrate temperature must be at least 5°C above dew point.

REMARKS

Maximum dry film thickness per coat: 60 µm dry, equals 140 µm wet.
When used on new plastisol cladding the product can remain a slightly tacky.

SAFETY

Consult Safety Data Sheet and Safety Information printed on the can.

SHELLIFE / STORAGE CONDITIONS

5 years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C.
Keep from freezing.

Rust-Oleum Netherlands B.V.
Braak 1, 4704 RJ
P.O. Box 138, 4700 AC
Roosendaal, The Netherlands
T +31 (0)165 593 636
F +31 (0)165 593 600
info@rust-oleum.eu
www.rust-oleum.eu

N.V. Martin Mathys S.A.
Kolenbergstraat 23
3545 Zelem
Halen, Belgium
T +32 (0)13 460 200
F +32 (0)13 460 201
info.be@ro-m.com
www.ro-m.com

Rust-Oleum France S.A.S
11, Rue Jules Verne, B.P. 60039
95322 St-Leu-la-Forêt Cedex
France
T +33 (0)1 30 40 00 44
F +33 (0)1 30 40 99 80
info.fr@ro-m.com
www.ro-m.com

Rust-Oleum UK Ltd.
Rotterdam House
116 Quayside
Newcastle
NE1 3DY
United Kingdom
T +44 (0)2476 717 329
F +44 (0)2476 718 930
info@rust-oleum.eu
www.rust-oleum.eu