

PRODUCT DATA

Coldmax Rapid® 9700

DESCRIPTION

Rust-Oleum® Coldmax Rapid™ 9700 is a rapid curing 2-component polyaspartic coating for inside and outside use.

In combination with Standard (N) base optimised for 10 to 25°C

In combination with Wintergrade (WG) base optimised for -10 to 10°C

MAIN PROPERTIES

Extremely durable and chemical resistant coating - UV-resistant - can be applied, depending on the used base material, at temperatures as low as -10 °C - coating has a glossy finish.

RECOMMENDED USES

Can be used on walkways, balconies, cold stores, walk-in fridges, loading bays, showrooms and warehouses. It provides excellent protection against UV-radiation, chemicals and traffic. The product can be applied directly on porous substrates; a special primer is not needed.

TECHNICAL DATA

Appearance:	Gloss (60°: 85%)
Colour:	RAL 7001, RAL 7035, RAL 7016, White, Transparent
Density (mixed):	1,54 kg/dm ³ (colours). 1,11 kg/dm ³ (transparent)
Solids Content (mixed):	In volume: 90.5% (colours). 94.3% (transparent)
	In weight: 93.7% (colours). 95.0% (transparent)
Recommended film thickness:	Wet film: 100 µm
	Dry film: 90 µm
VOC-content:	93 g/l (colours). 55 g/l (transparent)
Ready-for-use mixture:	+ 5% 190N: 139 g/l (colours). 143 g/l (transparent)
Ready-for-use mixture:	+ 10% 190N: 175 g/l (colours). 179 g/l (transparent)
Category:	Aj
EU Limit values:	500 g/l (2010)

	20°C /50% r.h.	5°C /50% r.h.	10°C /50% r.h.	5°C / 50% r.h.
	Standard (N)	Standard (N)	Wintergrade (WG)	Wintergrade (WG)
Drying times				
To touch:	4 hrs	16 hrs	2 hours	3 - 4 hours
To recoat:	4-5 hrs	72 hrs	16 hours	24 hours
Full hardness:	2 - 3 days	4 - 5 days	1 day	2 - 3 days
Potlife:	45 min	90 min	40 min	60 min
Important:	Lower temperatures will increase the curing times.			

Coverage

Theoretical: 10 m²/l

Practical: Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

SURFACE PREPARATION

Concrete must be at least four weeks old, completely dry and free of surface laitance, contaminants, ice, water and previous poorly bonded coatings. Remove grease, oil and all other surface contaminations by alkaline or high pressure (steam) cleaning in combination with appropriate detergents. Sand previous coatings which are in good condition to remove gloss and to roughen the surface slightly. A trial area is advisable to test compatibility with previous coatings.

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

Coldmax Rapid® 9700

Very smooth concrete or concrete with surface laitance (a weak dusty layer) should be abraded or etched with Rust-Oleum Surfa-Etch 108 to ensure adequate adhesion. The concrete should be thoroughly washed down and allowed to dry after.

Rust-Oleum Powerfloat Epoxy Floor Primer 3366 is recommended on powerfloated surfaces.

Below 5°C it may be necessary to avoid processes which involve wetting the floor due to the difficulty in drying. A good sweep or mechanical brushing may be sufficient. Do not apply outside if rainfall is imminent.

DIRECTION FOR USE

Mix between 10 to 25 °C (WG 5 to 20 °C). Add the activator to the base. Stir the mixture thoroughly using a spatula or a similar wide bladed tool (a piece of wooden batten is ideal) until an even colour and consistency are obtained.

Mixing ratio colours:

Base: Activator 9703 = 1.75 : 0.75 (volume parts).

Mixing ratio transparent (9710):

Base: Activator 9703 = 1.25 : 0.75 (volume parts)

APPLICATION & THINNING

Brush: Use natural bristles, long hair brushes. If needed dilute with 5 - 10% Thinner 190N.

Roller: Apply with a medium pile roller, working well into the surface of the concrete. Airless application is also possible. If needed dilute with 5 - 10% Thinner 190N.

Cleanup: Immediately after use with Rust-Oleum® Thinner 160, use disposable rollers.

APPLICATION CONDITIONS

Apply only if the temperature of the surface and environment is between 10 to 25°C (N) and -10 to 10°C (WG). Replace rollers and roller pan regularly (25 to 45 min).

REMARKS

The product is not recommended in case of stagnating water and/or immersion.

SAFETY

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

SHELLIFE / STORAGE CONDITIONS

1 year from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 10° and 25°C.

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