

OMEGA QD PRIMER

DESCRIPTION

High – build primer based on modified alkyd resin.

PRINCIPALS CHARACTERSTICS

- Good anticorrosive properties under atmospheric conditions
- Fast draying
- Fast handling
- Recoatable with most one and two component coatings
- Suitable for atmospheric exposure conditions
- Lead & chromate free
- Can be specified as single coat ,direct to metal system for ISO 12944 C1&C2 environments

COLOR AND GLOSS LEVEL

- Red brown ,Gray (other RAL)Colors available on request
- Flat

BASIC DATA AT 20°C (68°F)

Product Properties	
Number of component	One
Mass density	1.5 kg/l
Volume solid	52 ±2 %
Recommended dry film thickness	50 – 75 µm (2 – 3 Mils) per coat
Theoretical spreading rate	7m ² /l for 75 µm
Dry to touch	15 minutes
Over coating interval	Minimum:45 minutes
Full cure after	7days
Shelf life	24 months when stored cool and dry
VOC	391 g/l max



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Recommended substrate conditions and temperature

Substrate condition

- Steel ; blast cleaned to ISO-Sa2½
- Steel; power tool cleaned to min. ISO –St2
- Shop primed steel ;sweep blasted or power tool cleaned to SPSS-Ss or SPSS-Pt2

Substrate temperature

- Substrate temperature during application and curing should be above 5°C(41°F)
 - Substrate temperature during application and curing should be at least 3°C(5°F) above dew point
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Instruction for use

- Stir well before use
 - Adding too much thinner results in reducing sag resistance
 - Adequate ventilation must be maintained during application and curing.
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Air spray

Recommended thinner	Thinner no 21
Volume of thinner	5 to 10%
Nozzle orifice	1.8-2mm (approx. 0.07-0.079in)
Nozzle pressure	0.4 MPa (approx. 4Bar;51p.s.i)

Airless spray

Recommended thinner	Thinner no 21
Volume of thinner	0 to 5% depending on required thickness
Nozzle orifice	0.38-0.48mm (approx. 0.015-0.019in)
Nozzle pressure	12-16 MPa (approx. 160Bar;1741-2321p.s.i)



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Brush/Roller

Recommended thinner Thinner no 21

Volume of thinner 0 – 5%

Cleaning thinner

Thinner No 21

Additional data

Over coating interval for DFT up to 75µm(3.0mils)				
Over coating with....	Interval	10°c(50°F)	15°c(59°F)	20°c(68°F)
Two component products: -Omega tie coat HS 400 -Omega PU Express	Minimum Maximum	12 hours Unlimited	10 hours Unlimited	8 hours Unlimited
Alkyd Based products -Omega QD primer -Omega QD finish	Minimum Maximum	1.5 hours Unlimited	1.5 hours Unlimited	1.5 hours Unlimited

Note: Surface should be dry and free from any contaminations

SAFETY PRECAUTIONS

- This is a solvent- borne paint and care should be taken to avoid inhalation of spray mist or vapor, as well as contact between the wet paint and exposed skin or eye.

