

Formulation Sheet



NeoCryl A-639

Metal primer

Formulation D-2426

Nr	Raw Materials	Weight (g)	Type	Supplier
<i>Mill base</i>				
1	Demineralized water	5.80		
2	BYK 035	0.10	Defoamer	Angus Chemie
3	Nuosperse W-30	1.50	Dispersing agent	Elementis
4	Emadox A4	0.20	Flashrust inhibitor	Labema
5	Kronos 2310	9.90	Pigment	Kronos
6	Micro Talc IT Extra	3.90	Extender	Norwegian Talc
7	Heucophos ZPO	8.70	AC. Pigment	Heubach
8	Zinc White Harzsiegel Standard	1.70	AC. Pigment	Heubach
9	Hostatint Black GR-30	0.10	Pigment paste	Clariant
<i>Add 1 - 9 in listed order under good stirring and disperse under high speed to a fineness < 20µm, while keeping the temperature < 40°C</i>				
<i>Let down</i>				
10	NeoCryl A-639	54.80	Binder	DSM Coating Resins
11	Ammonia 25%	0.30	Neutralizing agent	
12	Demineralized water	1.00		
<i>Premix and add</i>				
13	Butylglycol	5.00	Coalescent	
14	Texanol	5.00	Coalescent	Eastman Chemicals
15	Dehydran 1293	1.00	Defoamer	Cognis
16	BYK 348	1.00	Levelling agent	BYK Chemie
<i>Add 10 - 16 untill homogeneous</i>				
	Total	100.0		

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Typical values:

Tests	Unit	Value
Dry Solids by weight	%	49.8
Dry solids by volume	%	38.4
Density	Kg/l	1.210
PVC	%	23
Viscosity Din Cup 4	seconds	
VOC (incl water)	g/l	
VOC (excl water)	g/l	121

Application properties:

Tests	Unit	Value
Dry film Thickness	µm	38
Dust free time 20°C/RH 60%	Minutes	16

Equipment:

Tests	Unit	Value
Airspray nozzle	mm	1.3 -1.4

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