

Formulation D-2400

Formulation based on NeoCryl XK-87

No.	Ingredient	Parts by Weight	Type of material
1	Demi water	7,20	n.a.
2	Nuosperse W-30	1,20	disperse agent
3	Butylglycol	4,50	coalescent
4	Emadox A4	0,30	flashrust inhibitor
5	Kronos 2190	11,20	pigment
6	Micro-Talc I.T.Extra	8,00	extender
7	Heucophos ZPO	10,70	pigment a.c.
8	Hostatint Black GR-30	1,00	pigment paste
9	NeoCryl™ XK-87	53,50	binder
10	Texanol	1,70	coalescent
11	Nacorr 1652	0,30	corrosion inhibitor
12	Drew 210-693	0,30	defoamer
13	Viscoatex 46	0,10	thickener
		100,00	

Preparation

Pigment pasta:

Mix 1 till 8 in listed order under good stirring. Disperse with a high speed dissolver until a particle size of <20 µm.

Letdown:

Slowly add 9 into pigment paste 1-8 under good stirring. Premix 10 with 11 and add slowly to 1-9. Add 12 and 13 mix well until a crater free film

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Technical Information

Specifications

Solids (w/w %)	58
Viscosity @25°C DIN 4 mm	30 sec
V.O.C. (w/w %)	49
pH	7,8

Key Benefits

- High solids
- Easy to formulate
- Low VOC
- Excellent salts pray resistance
- Good spray ability

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Raw Material Suppliers

Material	Supplier
Nuosperse W-30	Elementis (www.elementis.com)
Butylglycol	BASF / Shell
Emadox A4	Labema (www.labema.com)
Kronos 2190	Kronos (www.kronostio2.com)
Micro-Talc I.T.Extra	Norwegian Talc (www.omya.com)
Heucophos ZPO	Heubach (www.heubachcolor.de)
Hostatint Black GR-30	Clariant (www.clariant.com)
NeoCryl™ XK-87	DSM NeoResins (www.dsmneoresins.com)
Texanol	Eastman Chem. (www.eastman.com)
Nacorr 1652	King Ind. (www.kingindustries.com)
Drew 210-693	Ashland Chemical(www.ashland.com)
Viscoatex 46	Coatex (www.coatex.com)

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