



Product information

4CR-Industry Pigment Pastes

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Product description

4CR-Industry Pigment Pastes are universal colour pastes intended for use with 4CR-Industry System.

Processing conditions

Before use, shake the Industry Pigment Pastes thoroughly (1 minute in shaker).

Application

Immediately after adding 4CR Industry Pigment Pastes, the mixture must be homogenized by shaking, stirring or mixing (approx. 2 minutes in shaker).

Dilution

No thinner. 4CR Industry Pigment Pastes are ready for use.

Technical specifications

Pigment paste	Density [kg/l]	Solid content [% by weight]	VOC [g/l]	Heat resistance [°C]	lightfastness		Weather resistance		Color index
					1/3	1/25	1/3	1/25	
77-100 PP White	1,956	81	381	200	8	8	5	5	P.W. 6
77-105 PP Black	1,284	58	539	>200	8	8	5	5	P.Bk. 7
77-110 PP Aluminium	1,117	48	582	>200	-	-	-	-	-
77-111 PP Brilliant aluminium	1,123	48	585	>200	-	-	-	-	-
77-120 PP Oxide yellow	1,612	71	466	180	8	8	5	5	P.Y. 42
77-122 PP Yellow	1,156	67	387	200	8	7 - 8	4 - 5	4	P.Y. 151
77-124 PP Brilliant yellow	1,105	59	450	140	7	6	3	3	P.Y. 74
77-125 PP Lemon yellow	1,957	76	435	200	8	8	5	5	P.Y. 184
77-130 PP Oxide orange	2,183	80	431	200	8	8	5	5	P.Y. 184
77-134 PP Yellow orange N	1,310	65	456	200	8	7 - 8	5	4	P.Y. 139
77-135 PP Orange	1,206	62	456	160	8	8	4 - 5	4	P.O. 36
77-136 PP genuine orange	1,111	63	418	160	8	8	4 - 5	4	P.O. 73
77-140 PP Red	1,160	64	417	200	8	8	5	4 - 5	P.R. 254
77-146 PP Maroon	1,119	46	606	200	8	7 - 8	4 - 5	4	P.R. 122
77-148 PP Oxide red	1,768	75	442	>200	8	8	5	5	P.R. 101
77-150 PP Violet	1,165	53	550	160	7 - 8	7 - 8	4	4	P.V. 23
77-152 PP Red violet	1,194	57	512	200	7	7	3 - 4	3 - 4	P.V. 19
77-155 PP Blue	1,171	55	527	200	8	8	5	5	P.B. 15:4

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77-160 PP Green	1,242	54	567	200	8	8	5	5	P.G. 7
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Details on technical specifications

The data of heat resistance, weather resistance and light fastness refer to the incorporated pigments. Weather resistance and lightfastness refer to a standard colour depth of 1/3 and 1/25. The assessment of weather resistance is carried out according to the 5-level grey step-wedge as per DIN 54001. The lightfastness is evaluated in line with the 8-level blue scale on the basis of DIN 54003. All indicated figures are representative average values and are not meant to be supply specifications.

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There are some abbreviations in mixing formulations. These terms have the following meanings:

HC = formulation providing higher coverage

UV = UV resistance for exterior applications

Spray = formulations for aerosol paints

Features

Optimised pigment concentration

Optimised UV and weather resistance by available standard and high performance pigments

Good flow properties, pumpable

Colorimetrically exactly adjusted

Suitable for gravimetric dosing

Frost-resistant up to - 15 °C

Does hardly affect the viscosity of bases

Max. addition of up to 40 % by weight

Water content < 0.1 %; free from glycol and plasticisers

Can be used in solvent-based paint systems based on alkyd, acryl, PVC, PVB, melamine, polyurethane, chlorinated rubber, epoxy resins and cellulose esters. Test first compatibility, if you intend to use them in other systems than those recommended by us.

Storage

At least 2 years in closed unopened original containers if stored in dry places. Recommended storage temperature: 10 -30° C. Higher temperatures may affect the shelf life.

Processing tips

Check colour at daylight before applying.

The following 4CR-Industry Pigment Pastes must not be used in combination with the mentioned binders:

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77-124 stoving enamels, 1K acrylic resins, epoxy resins & combinations of epoxy and acrylic resin
77-134 epoxy resins

Formulations containing the 4CR-Industry Pigment Paste 77-124 are not suitable to be filled spray cans.

Cleaning of tools

Clean tools immediately after use with Nitro-Thinner.