

Pigments for Cement and Tadelakt

Since there are many varieties of cements, suitability for cement can only be approximate. Therefore we definitely recommend tests prior to the final application. Some types of cements can have unusual destructive effect on pigments. Please refer to the additional information regarding individual groups of pigments. We have compiled this list for cement and Tadelakt because Tadelakt is actually a hydraulically hardening lime plaster and pigments suitable for lime often proved not stable enough for this technique. Slate powders and green earths are not recommended for outdoor applications. Pigments that are not listed here are not recommendable for Tadelakt and cement!

Historical pigments from our own production

11000	Verona Green Earth	11350	Côte d'Azur violet
11010	Verona Green Earth, fine	11354	Slate Green from Mels
11100	Bavarian Green Earth	11356	Gray from Mels
11110	Russian Green Earth	11360	Brown-Red Slate
11111	Russian Green Earth, extra fine	11400	Rock Crystal
11140	Aegirine, fine	11401	Rock Crystal, fine
11141	Aegirine, medium	11420 – 11424	Fuchsite
11150	Epidote	11530	Gold Ochre
11151	Epidote, greenish extra	11540	Taunus Ochre, light
11152	Florentine Green	11572 – 11577	Burgundy Ochres
11181 – 11183	Andeer green	11584	Spanish Red Ochre
11210	Green Quartz	11585	Spanish Red Ochre, extra fine
11282	Nero Bernino	11620	Brown Earth from Otranto
11283	Alba Albula	11630	Iseo Brown
11300	Red Jasper	116420 – 116441	Moroccan Ochre

Fine colored glass powders

The Glass powders can cause efflorescence in some types of cements, therefore we recommend preliminary tests in any case!

Synthetic organic pigments

Note: Unlike mineral and inorganic pigments, organic pigments are not properly incorporated into the cement matrix. As a result they can get washed out when the application is outdoors or in wet areas! In cement, these pigments can be stabilized by adding organic binders. Please also consider that these pigments need more binding medium than others!

23000	Phthalo Green Dark	23330	Yellow, greenish
23010	Phthalo Green, yellowish	23402	Quinacridone Pink D
23050	Phthalo Blue, primary	23451	Dioxazine Violet
23060	Phthalo Blue, Royal Blue	23493	Gubbio Red
23070	Phthalo Blue, reddish	23500	Maroon
23100	Anthraquinone Blue	23540	Quinophthalone Orange
23180	Red DPP BO	23570	Pyranthrone Orange
23182	Ruby DPP-TR	23650	Brilliant Yellow
23200	Scarlet Red	23660	Isoindolinon Yellow
23202	CPT - Scarlet Red	23670	Isoindole Yellow-Orange
23230	Permanent Red A	23710	Quinacridone Violet
23290	Permanent Red	23720	Quinacridone Red Magenta
23291	Permanent Red FRLL	23800	Isoindolol Orange
23293	CPT - Red		
23310	Permanent Yellow medium		

Color Pastes

Inorganic pigments dispersed in water

27000	Color Paste Titanium White
27160	Color Paste Bismuth-Vanadate Yellow
27400	Color Paste Iron Oxide Brown 610
27500	Color Paste Iron Oxide Black
27800	Color Paste Chrome Oxide Green

Organic pigments dispersed in water

28020	Color Paste Yellow, greenish
28120	Color Paste Permanent Yellow medium
28150	Color Paste Isoindolinone Yellow
28270	Color Paste Pyranthrone Orange
28375	Color Paste Orange DPP RA
28390	Color Paste DPP Scarlet
28470	Color Paste DPP Red
28510	Color Paste Ruby DPP
28600	Color Paste Quinacridone Red
28660	Color Paste Quinacridone Violet
28801	Color Paste Dioxazine Violet
28900	Color Paste Phthalo Blue
28910	Color Paste Phthalo Royal Blue
29000	Color Paste Phthalo Green
29050	Color Paste Phthalo Green, yellowish

Please consider the recommendations mentioned above regarding the use of organic pigments in cement!

Earth Pigments

17000	Jarosite, from Cyprus	40510	Venetian Red
17050	Natural Sienna, Monte Amiata	40542	English Red Light
17400	Green Earth, from Cyprus	40545	English Red Deep
17410	Bluish Green Earth, from Cyprus	40610	Raw Umber, from Cyprus
40010 – 40130	French Ochres	40611	Raw Umber, light
40195	Gold Ochre, from Poland	40612	Raw Umber, greenish
40200	Ochre Avana, greenish-yellow	40623	Manganese Brown Intense
40214	Gold Ochre DD	40630	Raw Umber, greenish dark
40220	Italian Gold Ochre Light	40650	Chromite
40231	Brown Ochre	40660	Raw Umber, dark
40241	Fawn Ochre	40700	Burnt Umber, reddish
40260	Satin Ochre	40710	Burnt Umber, brownish
40280	Amberg Yellow	40720	Burnt Umber, dark brown
40301	Iron Oxide Yellow	40723	Burnt Umber type B
40310	Dark Ochre, German	40730	Burnt Umber Light, reddish-brown
40320	Dark Ochre, Italian	40800	Green Earth light
40392	Raw Sienna, French	40810	Bohemian Green Earth
40400	Raw Sienna, Italian	40821	Green Earth from Verona
40404	Raw Sienna Badia, Italian	40830	Green Earth from France
40410	Raw Sienna brownish, Italian	40850	Burnt Green Earth
40430	Darkn Burnt Sienna	41550	Terra Pozzuoli
40440	Pompeii Red	41600	Terra Ercolano
40470	Burnt Sienna, from France	41700	Verona Green Earth
40490	Rosso Sartorius	41820	Verona Green Earth, imitation

Red Pigments

42711 – 42716 Garnet Powder Red

Yellow Pigments

43200 Nickel-Titanium Yellow
43210 Nickel-Titanium Yellow, greenish
43230 Praseodym Yellow
43300 Titanium Orange

43340 Hokkaido-Orange
43880 Intensive Yellow
43915 – 43920 Bismuth-Vanadate Yellow

Green Pigments

44100 – 44130 Cobalt Green
44190 Pastel Green, Victoria Green
44200 Chrome Oxide Green

44204 Chrome Oxide Green DD
44250 Viridian Green

Blue Pigments

45400 Zirconium Cerulean Blue
45700 Cobalt Blue Dark
45701 Cobalt Blue Dark, greenish
45702 Cobalt Blue, Sapporo
45710 Cobalt Blue Medium
457141 Cobalt Blue Pale

45720 Cobalt Blue Light
45730 Cobalt Cerulean Blue
45740 Cobalt Blue, greenish
45750 Cobalt Blue Turquoise Light
45760 Cobalt Blue Turquoise Dark

White Pigments

46200 Titanium White Rutile
46280 Buff Titanium

46300 Zinc White
46360 Kremer White

Black Pigments

47324 – 47328 Basalt Black
47380 – 47430 Spinel Black

47530 Cement Black

Synthetic iron oxide pigments

Not suitable for reinforced concrete.

Natural iron oxide pigments

All suitable.

Spinel pigments

All suitable.

Translucent iron oxide pigments

All suitable.

Mineral Fillers

58610 – 58678 Quartz Powder, medium
58685 – 58688 Quarzite Orange

58689 – 58694 Cristobalite Powder

Fillers made of stone, granite, marble sand:

All suitable.