

Pigments for Cement and Tadelakt

Since there are many varieties of cements, suitability for cement can only be a rough guideline. We therefore 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.

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	11540	Taunus Ochre, light
11151	Epidote, greenish extra	11572 – 11577	Burgundy Ochres
11152	Florentine Green	11584	Spanish Red Ochre
11181 – 11183	Andeer green	11585	Spanish Red Ochre, extra fine
11210	Green Quartz	11620	Brown Earth from Otranto
11282	Nero Bernino	11630	Iseo Brown
11283	Alba Albula	116420 – 116441	Moroccan Ochre
11300	Red Jasper		

Fine colored glass powders

The Glass powders can cause efflorescence in some types of cement, 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	23291	Permanent Red FRLL
23010	Phthalo Green, yellowish	23293	CPT - Red
23050	Phthalo Blue, primary	23310	Permanent Yellow medium
23060	Phthalo Blue, Royal Blue	23330	Yellow, greenish
23070	Phthalo Blue, reddish	23402	Quinacridone Pink D
23080	Phthalo Blue, greenish	23451	Dioxazine Violet
23100	Anthraquinone Blue	23493	Gubbio Red
23178	Orange DPP RA	23651	Brilliant Yellow
23179	Scarlet Red DPP EK	23660	Perm Yellow H5G
23180	Red DPP BO	23670	Isoindole Yellow-Orange
23182	Ruby DPP-TR	23710	Quinacridone Violet
23200	Scarlet Red	23720	Quinacridone Red Magenta
23202	CPT - Scarlet Red	23800	Isoindolol Orange
23230	Permanent Red A	23850	Studio Yellow
23290	Permanent Red	23950	Studio Red

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
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

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

Earth Pigments

17000	Jarosite, from Cyprus
17410	Bluish Green Earth, from Cyprus
40010 – 40130	French Ochres
40195	Gold Ochre, from Poland
40200	Ochre Avana, greenish-yellow
40214	Gold Ochre DD
40220	Italian Gold Ochre Light
40231	Brown Ochre
40241	Fawn Ochre
40260	Satin Ochre
40280	Amberg Yellow
40301	Iron Oxide Yellow
40310	Dark Ochre, German
40320	Dark Ochre, Italian
40392	Raw Sienna, French
40400	Raw Sienna, Italian
40404	Raw Sienna Badia, Italian
40410	Raw Sienna brownish, Italian
40430	Darkn Burnt Sienna
40440	Pompeii Red
40470	Burnt Sienna, from France
40490	Rosso Sartorius
40510	Venetian Red

40542	English Red Light
40545	English Red Deep
40610	Raw Umber, from Cyprus
40611	Raw Umber, light
40612	Raw Umber, greenish
40623	Manganese Brown Intense
40630	Raw Umber, greenish dark
40650	Chromite
40660	Raw Umber, dark
40700	Burnt Umber, reddish
40710	Burnt Umber, brownish
40720	Burnt Umber, dark brown
40723	Burnt Umber type B
40730	Burnt Umber Light, reddish-brown
40800	Green Earth light
40810	Bohemian Green Earth
40821	Green Earth from Verona
40830	Green Earth from France
40850	Burnt Green Earth
41550	Terra Pozzuoli
41600	Terra Ercolano
41700	Verona Green Earth
41820	Verona Green Earth, imitation

Red Pigments

42711 Garnet Powder Red

Yellow Pigments

43200 Nickel-Titanium Yellow

43210 Nickel-Titanium Yellow, greenish

43300 Titanium Orange

43340 Hokkaido-Orange

43870 Yellow Zircon

43880 Intensive Yellow

43915 – 43920 Bismuth-Vanadate Yellow

Green Pigments

44101 – 44140 Cobalt Green, various types

44190 Pastel Green, Victoria Green

44200 Chrome Oxide Green

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

*All suitable for non-reinforced concrete, except 48289.
Only 48422 and 48442 are recommended for reinforced concrete.*

Natural iron oxide pigments

All suitable.

Spinel pigments

49700 Haematite-Chrome Oxide

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.