



colofer®

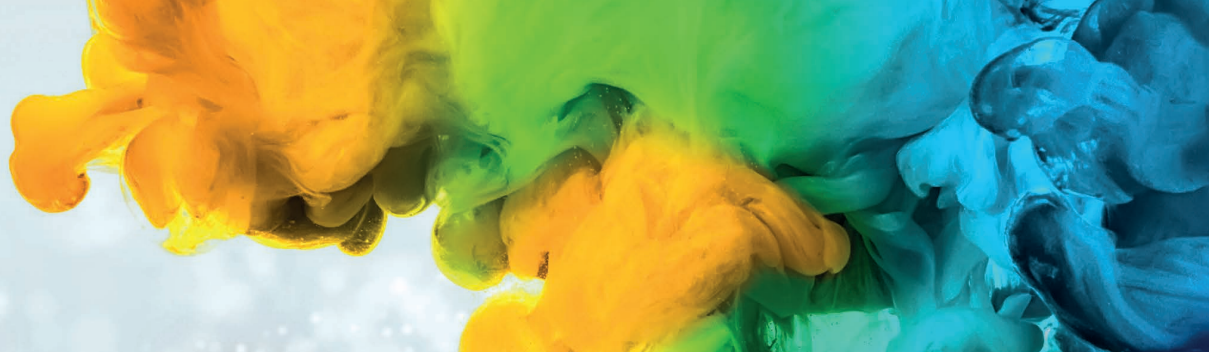
colofer®
COLOR SPECTRUM

More than just design

voestalpine Steel Division
www.voestalpine.com/colofer

voestalpine

ONE STEP AHEAD.



			CG	CD
RAL 1000		Grünbeige	I	0,4
RAL 1001		Beige	I	0,4
RAL 1002		Sandgelb	I	0,7
RAL 1003		Signalgelb		
RAL 1004		Goldgelb	S	0,3*
RAL 1005		Honiggelb	S	1,2
RAL 1006		Maisgelb	S	1,6
RAL 1007		Narzissengelb	S	0,8*
RAL 1011		Braunbeige	I	0,2
RAL 1012		Zitronengelb	S	1,8
RAL 1013		Perlweiß	B	0,2
RAL 1014		Elfenbein	B	0,4
RAL 1015		Hellelfenbein	B	0,5
RAL 1016		Schwefelgelb	S	0,8
RAL 1017		Safrangelb	S	3,5
RAL 1018		Zinkgelb	S	0,9
RAL 1019		Graubeige	B	0,6
RAL 1020		Olivgelb	S	0,5
RAL 1021		Rapsgelb	S	4,1
RAL 1023		Verkehrsgelb	S	2,1
RAL 1024		Ockergelb	I	0,6
RAL 1026		Leuchtgelb		
RAL 1027		Currygelb	I	2,1
RAL 1028		Melonengelb		
RAL 1032		Ginstergelb	I	0,5
RAL 1033		Dahliengelb	I	1,9
RAL 1034		Pastellgelb	S	0,5
RAL 1035		Perlbeige	I	5,0
RAL 1036		Perlgold		
RAL 1037		Sonnengelb	S	0,8
RAL 2000		Gelborange	S	0,3
RAL 2001		Rotorange	S	1,6
RAL 2002		Blutorange	S	0,8
RAL 2003		Pastellorange		
RAL 2004		Reinorange	S	2,8

			CG	CD
RAL 2005		Leuchtorange		
RAL 2007		Leuchthellorange		
RAL 2008		Hellrotorange		
RAL 2009		Verkehrsorange	S	2,4
RAL 2010		Signalorange	S	0,7
RAL 2011		Tieforange	S	4,5
RAL 2012		Lachsorange	S	0,9*
RAL 2013		Perlorange		
RAL 3000		Feuerrot	S	0,7
RAL 3001		Signalrot	S	0,3
RAL 3002		Karminrot	S	0,9
RAL 3003		Rubinrot	S	1,6
RAL 3004		Purpurrot	S	1,3
RAL 3005		Weinrot	S	0,9
RAL 3007		Schwarzrot	I	1,2*
RAL 3009		Oxidrot	I	0,3
RAL 3011		Braunrot	S	2,4
RAL 3012		Beigerot	S	1,8
RAL 3013		Tomatenrot	S	1,1
RAL 3014		Altrosa	I	0,7
RAL 3015		Hellrosa	S	2,7
RAL 3016		Korallenrot	S	1,6*
RAL 3017		Rosé	S	1,3*
RAL 3018		Erdbeerrot	S	2,5
RAL 3020		Verkehrsrot	S	2,3
RAL 3022		Lachsrot	S	0,9
RAL 3024		Leuchtröt		
RAL 3026		Leuchthellrot		
RAL 3027		Himbeerrot	S	2,6
RAL 3031		Orientrot	I	2,2
RAL 3032		Perl Rubinrot		
RAL 3033		Perlrosa		
RAL 4001		Rotlila	S	0,3
RAL 4002		Rotviolett	I	0,5
RAL 4003		Erikaviolett		

			CG	CD
RAL 4004		Bordeauxviolett	S	1,6
RAL 4005		Blaulila	S	0,4
RAL 4006		Verkehrspurpur	S	4,8*
RAL 4007		Purpurviolett	S	3,4
RAL 4008		Signalviolett	S	0,2*
RAL 4009		Pastellviolett	I	0,3
RAL 4010		Telemagenta		
RAL 4011		Perlviolett	S	1,4
RAL 4012		Perlbrombeer	S	0,7
RAL 5000		Violettblau	I	1,1
RAL 5001		Grünblau	I	1,8
RAL 5002		Ultramarinblau	S	2,0
RAL 5003		Saphirblau	I	1,9
RAL 5004		Schwarzblau	I	1,2
RAL 5005		Signalblau	S	0,4
RAL 5007		Brilliantblau	I	0,7
RAL 5008		Graublau	I	1,6
RAL 5009		Azurblau	I	0,6
RAL 5010		Enzianblau	I	1,4*
RAL 5011		Stahlblau	I	3,5
RAL 5012		Lichtblau	I	0,3
RAL 5013		Kobaltblau	I	2,1
RAL 5014		Taubenblau	I	0,9
RAL 5015		Himmelblau	I	0,4
RAL 5017		Verkehrsblau	S	1,3
RAL 5018		Türkisblau	I	0,2
RAL 5019		Capriblau	I	0,7
RAL 5020		Ozeanblau	I	2,0
RAL 5021		Wasserblau	I	1,0
RAL 5022		Nachtblau	S	0,7
RAL 5023		Fernblau	I	0,3
RAL 5024		Pastellblau	I	0,6
RAL 5025		Perlenzian		
RAL 5026		Perlnachtblau		
RAL 6000		Patinagrün	I	0,5



All colors available upon request with a 120-µm protective film and as colofer® CLASSIC 35 µm (unique system number).
Please find additional information at www.voestalpine.com/colofer



			CG	CD
RAL 6001		Smaragdgrün	I	0,9
RAL 6002		Laubgrün	I	2,2*
RAL 6003		Olivgrün	I	0,6
RAL 6004		Blaugrün	I	0,6
RAL 6005		Moosgrün	I	0,5
RAL 6006		Grauliv	I	0,6
RAL 6007		Flaschengrün	I	0,4
RAL 6008		Braungrün	I	0,3
RAL 6009		Tannengrün	I	0,9
RAL 6010		Grasgrün	I	1,0
RAL 6011		Resedagrün	I	1,2
RAL 6012		Schwarzgrün	I	0,3
RAL 6013		Schilfgrün	I	0,8
RAL 6014		Gelboliv	I	0,7
RAL 6015		Schwarzoliv	I	0,6
RAL 6016		Türkisgrün	I	0,5
RAL 6017		Maigrün	I	1,5
RAL 6018		Gelbgrün	I	0,8
RAL 6019		Weißgrün	I	0,9*
RAL 6020		Chromoxidgrün	I	1,1
RAL 6021		Blassgrün	I	1,1
RAL 6022		Braunoliv	I	0,7
RAL 6024		Verkehrsgrün	I	1,9
RAL 6025		Farngrün	I	1,4
RAL 6026		Opalgrün	I	0,5
RAL 6027		Lichtgrün	I	0,3
RAL 6028		Kieferngrün	I	1,1
RAL 6029		Minzgrün	I	1,0
RAL 6032		Signalgrün	I	0,8
RAL 6033		Minttürkis	I	0,8
RAL 6034		Pastelltürkis	I	0,4
RAL 6035		Perlgrün		
RAL 6036		Perlopalgrün		
RAL 7000		Fehgrau	B	0,7
RAL 7001		Silbergrau	B	0,5

			CG	CD
RAL 7002		Olivgrau	B	0,2
RAL 7003		Moosgrau	I	1,1
RAL 7004		Signalgrau	I	0,3
RAL 7005		Mausgrau	B	0,6
RAL 7006		Beigegrau	B	0,3
RAL 7008		Khakigrau	B	0,5
RAL 7009		Grüngrau	B	0,5
RAL 7010		Zeltgrau	B	0,6
RAL 7011		Eisengrau	B	0,6
RAL 7012		Basaltgrau	I	0,4
RAL 7013		Braungrau	I	1,6
RAL 7015		Schiefergrau	B	0,3
RAL 7016		Anthrazitgrau	B	1,2
RAL 7021		Schwarzgrau	B	0,4
RAL 7022		Umbragrau	I	1,2
RAL 7023		Betongrau	B	0,1
RAL 7024		Graphitgrau	B	0,5
RAL 7026		Granitgrau	B	0,5
RAL 7030		Steingrau	B	0,5
RAL 7031		Blaugrau	B	0,6
RAL 7032		Kieselgrau	B	0,2
RAL 7033		Zementgrau	B	0,5
RAL 7034		Gelbgrau	B	0,3
RAL 7035		Lichtgrau	B	0,5
RAL 7036		Platingrau	B	0,9
RAL 7037		Staubgrau	I	0,5
RAL 7038		Achatgrau	B	0,2
RAL 7039		Quarzgrau	I	0,8
RAL 7040		Fenstergrau	B	0,4
RAL 7042		Verkehrsgrau A	B	0,2
RAL 7043		Verkehrsgrau B	B	0,4
RAL 7044		Seidengrau	B	0,3
RAL 7045		Telegrau 1	B	0,4
RAL 7046		Telegrau 2	B	0,3
RAL 7047		Telegrau 4	B	0,1

			CG	CD
RAL 7048		Perlmausgrau		
RAL 8000		Grünbraun	I	0,5
RAL 8001		Ockerbraun	I	0,5
RAL 8002		Signalbraun	I	0,6
RAL 8003		Lehmbraun	I	0,2
RAL 8004		Kupferbraun	I	0,6
RAL 8007		Rehbraun	I	1,9
RAL 8008		Olivbraun	I	0,5
RAL 8011		Nussbraun	I	2,0
RAL 8012		Rotbraun	I	1,8
RAL 8014		Sepiabraun	I	1,0
RAL 8015		Kastanienbraun	I	0,9
RAL 8016		Mahagonibraun	I	0,5
RAL 8017		Schokoladenbraun	B	0,7
RAL 8019		Graubraun	I	0,9
RAL 8022		Schwarzbraun	I	1,0
RAL 8023		Orangebraun	I	1,4
RAL 8024		Beigebraun	I	0,8
RAL 8025		Blassbraun	I	0,7
RAL 8028		Terrabraun	I	1,3
RAL 8029		Perlkupfer	I	4,5
RAL 9001		Cremeweiß	B	0,5
RAL 9002		Grauweiß	B	0,2
RAL 9003		Signalweiß	B	0,9
RAL 9004		Signalschwarz	I	0,5
RAL 9005		Tiefschwarz	B	1,0
RAL 9006		Weißaluminium	I	1,0
RAL 9007		Graualuminium	I	0,7
RAL 9010		Reinweiß	B	3,0
RAL 9011		Graphitschwarz	I	0,7
RAL 9016		Verkehrsweiß	I	1,2
RAL 9017		Verkehrsschwarz	I	0,5
RAL 9018		Papyrusweiß	B	0,2
RAL 9022		Perlhellgrau		
RAL 9023		Perldunkelgrau		

CG = Color group CD = Color deviation * = Metamerism >2

WHY colofer® AND NO OTHER PRODUCT?



ISO 14001 and EMAS

The colofer® production site of voestalpine Stahl GmbH implements environmental management systems pursuant to ISO 14001 and is certified according to EMAS III (EC) 1221/2009.

Environmental product declarations (EPDs)

An environmental product declaration provides transparent and neutral information on the environmental effects of a product based on an ecological lifecycle assessment (LCA). The EPD is based on the EN15804 and ISO 14025 standards and was verified by independent auditors and published as part of the declaration program of the Institute for Construction and Environment (IBU) in Berlin.

DGNB, BREEAM and LEED

The EPD applies to the entire colofer® product portfolio and is a reliable database that completely complies with the requirements of the DGNB, BREEAM and LEED building certification systems.

RoHS and REACH

colofer® meets all the requirements and legal stipulations pertaining to hazardous materials or substances of very high concern in products in the European Union. This includes REACH Regulation (EC) 1907/2006 and 2011/65/EU (RoHS2).

Fire protection certifications

Selected colofer® products meet the fire protection requirements of Euroclass A1 pursuant to EN 13501-1.

Extremely flat

The special manufacturing method for the ultraplan substrate lends colofer® an extremely flat surface free of medium waviness. Thanks to the ultraplan substrate, colofer® facades not only look particularly aesthetic as a result of their high-quality coating, but also because of their perfectly flat surface.

Backside coating with optimized foam adhesion

For perfect adhesion between top sheet and foam in the production of sandwich panels, voestalpine, in cooperation with sandwich panel manufacturers and a foam manufacturer, has worked out the most important influence of optimal foamability and has incorporated these findings into the development of colofer® REVERSE. colofer® REVERSE enables unprecedented foam adhesion.

COLOR COURAGE



colofer®
colorservice

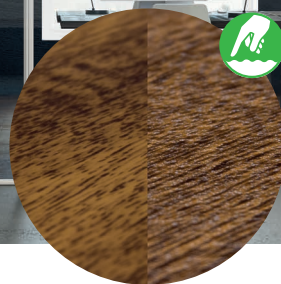
Whether it be RAL, NCS, Pantone color matching systems or corporate identity guidelines, we offer a virtually unlimited color selection. We will be happy to reproduce any color on the basis of customer samples. Thanks to our high-precision measurement methods and detailed process knowledge, we can guarantee exact color matches.

colofer® PROPERTIES

Product properties	colofer® CLASSIC	colofer® UV	colofer® MATT	colofer® ROBUST	colofer® ROBUST RAIN	colofer® PLUS
Coating thickness	25 µm	25 µm	35 µm	25 µm	35 µm	50 µm
Corrosion resistance	CPI 4/RC3	CPI 4/RC3	CPI 4/ RC3	CPI 4/RC3	CPI 4/RC4	CPI 4/RC5
UV resistance category	RUV 3	RUV 4	RUV 4*	RUV 4*	RUV 4	RUV 4
Scratch resistance	≥ 20N	≥ 20 N	≥ 15 N	≥ 30 N	≥ 35 N	≥ 40 N
Adhesion after bending	≤ 1 T	≤ 1 T	≤ 1 T	≤ 1 T	≤ 1 T	≤ 1 T
Crack formation during bending	≤ 3 T	≤ 3 T	≤ 2 T	≤ 3 T	≤ 2 T	≤ 1.5 T

* Only applies to selected standard colors

colofer® VARIO



Our versatile all-rounder for indoor and outdoor applications combines creativity and functionality like no other product. A large variety of appearances and effects provide the basis for solutions that inspire.

*available in 3D haptics

Indistinguishable from the original! For a deceptively genuine appearance, selected designs have special 3D haptics.

Iridescent effect

Through light refraction, the surface changes color and reveals intriguing patterns that depend on the viewer's perspective.

colofer® VARIO DESIGN



Wenge 04



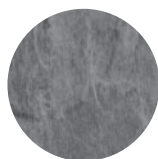
Zebrano 01*



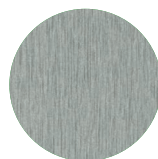
Golden Oak 03*



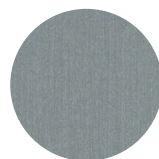
New Golden Oak 03*



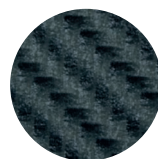
Slate 01*



Aluminum 02*

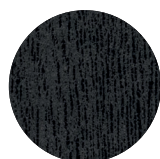


Stainless Steel 03



Carbon 02*

colofer® VARIO UNIDECOR

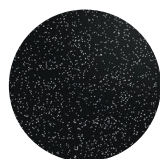


Black Oak 01

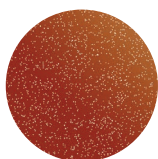


Grey Oak 01

colofer® VARIO METALLIC



New York
more intense
Gloss 70°



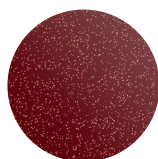
Rio
more intense
Gloss 70°



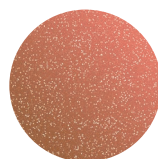
Dubai
intense
Gloss 45°



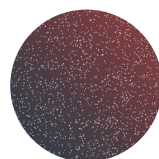
Dubai
more intense
Gloss 70°



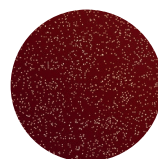
Moskau
intense
Gloss 70°



Moskau
more intense
Gloss 45°



Tokyo
intense
Gloss 45°



Tokyo
more intense
Gloss 70°

colofer® VARIO IRIDESCENT



Titanium
Gold



Shiny
Jade



Golden
Pyrit



Smoky
Quartz



Silver
Aquamarine



White
Diamond



Cosmic
Moonstone

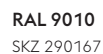
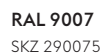
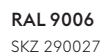
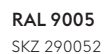
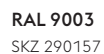
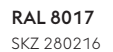
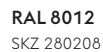
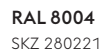
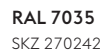
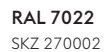
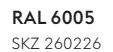
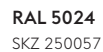
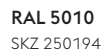
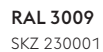
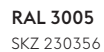
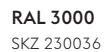


Silver
Amethyst

colofer® CLASSIC

The classic choice for outdoor applications features a high level of UV resistance (RUV 3) and an automatic guarantee period of up to 20 years. As a substrate, corrender provides additional corrosion protection.

colofer® CLASSIC



colofer® ROBUST & colofer® ROBUST RAIN

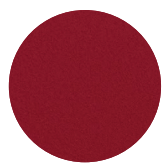
colofer® ROBUST and colofer® ROBUST RAIN were specially developed for the extensive stress and harsh conditions in outdoor applications. The extremely resistant coating optimally protects the surface against mechanical damage. Both products also meet the highest requirements in terms of resistance to ultraviolet light, excellent forming properties and extreme resistance to scratches and corrosion.

colofer® ROBUST & colofer® ROBUST RAIN

PRODUCT CLASSIFICATION

A: colofer® ROBUST approx. 25 µm

B: colofer® ROBUST RAIN approx. 35 µm



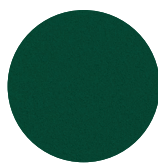
RAL 3005

A: RB 305 20
B: RBR 305 20



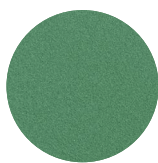
RAL 3009

A: RB 309 20
B: RBR 309 20



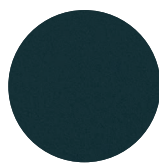
RAL 6005

A: RB 605 20
B: RBR 605 20



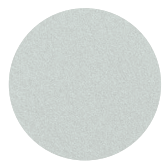
RAL 6011

A: RB 611 20
B: RBR 611 20



RAL 7016

A: RB 716 20
B: RBR 716 20



RAL 7037

A: RB 737 20
B: RBR 737 20



RAL 8004

A: RB 804 20
B: RBR 804 20



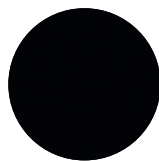
RAL 8017

A: RB 817 20
B: RBR 817 20



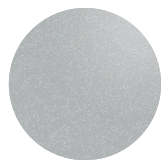
RAL 9002

A: RB 902 20
B: RBR 902 20



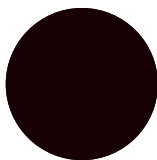
RAL 9005

A: RB 905 20
B: RBR 905 20



RAL 9006

A: RB 906 10
B: RBR 906 10



Testa di moro

A: RB TDM 15
B: RBR TDM 15

colofer® MATT

Aesthetics meet function. Three different matt surface types, the highest degree of UV resistance (RUV 4) and automatic guarantee up to an altitude of 2,100 meters.

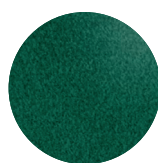
colofer® MATT



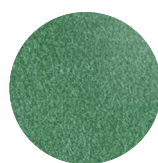
RAL 3005
A: MF 305 02
B: MG 305 02
C: MGE 305 05



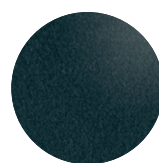
RAL 3009
A: MF 309 02
B: MG 309 02
C: MGE 309 05



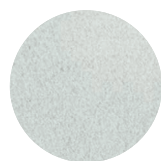
RAL 6005
A: MF 605 02
B: MG 605 02
C: MGE 605 05



RAL 6011
A: MF 611 02
B: MG 611 02
C: MGE 611 05



RAL 7016
A: MF 716 02
B: MG 716 02
C: MGE 716 05



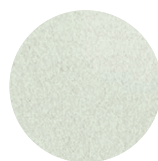
RAL 7037
A: MF 737 02
B: MG 737 02
C: MGE 737 05



RAL 8004
A: MF 804 02
B: MG 804 02
C: MGE 804 05



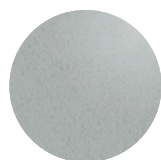
RAL 8017
A: MF 817 02
B: MG 817 02
C: MGE 817 05



RAL 9002
A: MF 902 02
B: MG 902 02
C: Not available



RAL 9005
A: MF 905 02
B: MG 905 02
C: MGE 905 05

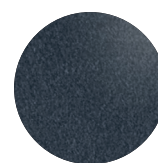


RAL 9006
A: MF 906 02
B: Not available
C: Not available

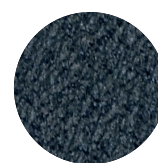


Testa di moro
A: MF TDM 02
B: MG TDM 02
C: MGE TDM 05

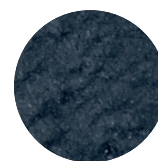
AVAILABLE STRUCTURES



A: matt fine



B: matt rough

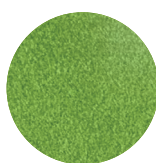


C: matt extra rough

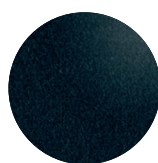
colofer® MATT (facade edition)



RAL 1015
A: MF 115 02



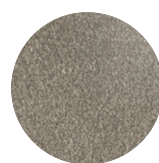
RAL Design 120 60 63
A: MF 106 02



RAL 7021
A: MF 721 02



RAL 9010
A: MF 910 02



RAL Design 070 50 10
A: MF NCS 605 02



colofer® UV

Appearances are not deceiving. Thanks to its high-quality PVDF-A coating, this product features exceptional UV resistance (RUV 4). We automatic guarantees for up to an altitude of 2,100 m.

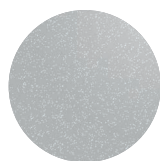
colofer® UV



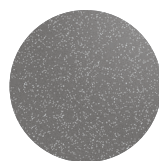
RAL 9002
UV25 902 30



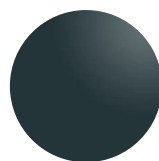
RAL 9010
UV25 910 30



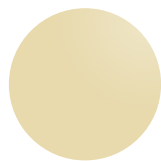
RAL 9006
UV25 906 25



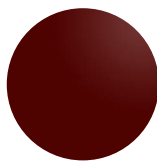
RAL 9007
UV25 907 20



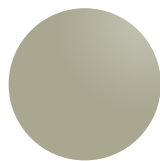
RAL 7016
UV25 716 30



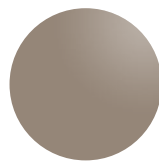
RAL 1015
UV25 115 30



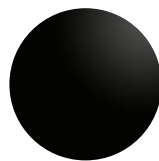
RAL 3009
UV25 309 20



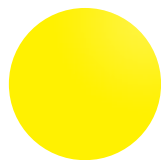
RAL 7032
UV25 732 30



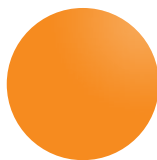
**RAL Design 070 50 10
NCS S 6005 Y20R**
UV25 605 35



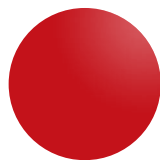
RAL 9005
UV25 905 30



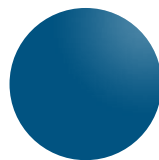
RAL 1021
UV25 121 25



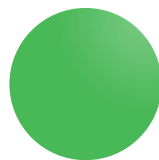
RAL 2011
UV25 211 25



RAL 3000
UV25 300 30



RAL 5010
UV25 510 30



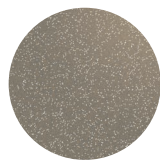
RAL 6018
UV25 618 25



RAL 1035
UV25 135 30



RAL 1036
UV25 136 25

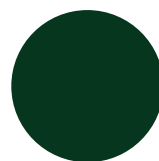


RAL 7048
UV25 748 30

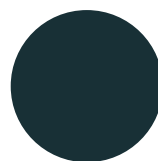


Copper metallic
UV25 kpm 30

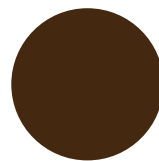
colofer® UV matt



RAL 6009
UV25 609 05



RAL 7016
UV25 716 05



RAL 8028
UV25 828 05

colofer® PLUS

Experts at every level. Excellent corrosion protection (RC5), highest reference values for scratch resistance (40 N) and UV resistance (RUV 4). Up to 40-year guarantee period and special guarantees for exceptional loads.

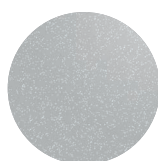
colofer® PLUS



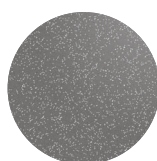
RAL 9002
CPS 902 35



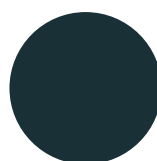
RAL 9010
CPS 910 35



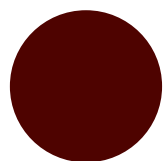
RAL 9006
CPS 906 25



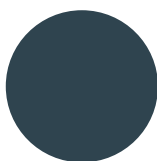
RAL 9007
CPS 907 35



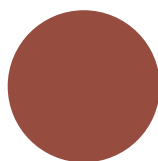
RAL 7016
CPS 716 35



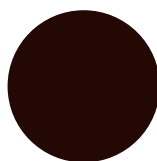
RAL 3009
CPS 309 30



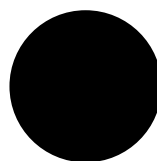
RAL 7024
CPS 724 35



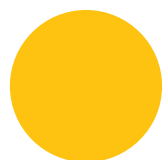
RAL 8004
CPS 804 35



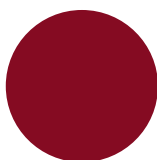
RAL 8017
CPS 817 35



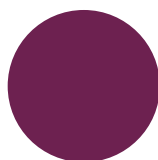
RAL 9005
CPS 905 35



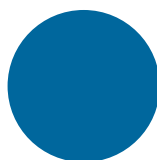
**NCS S 1070
Y10R**
CPG 170 20



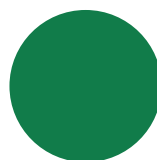
RAL 3005
CPS 305 35



RAL 4004
CPG 404 35



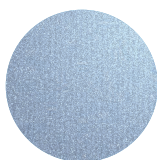
**NCS S 4550
R80B**
CPG 455 20



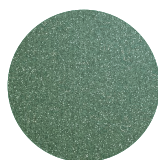
RAL 6001
CPS 601 35



RAL 1035
CPS 135 35



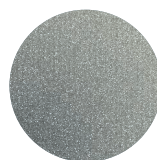
Frozen Blue
CPG bmt 30



Mystery Green
CPG gmt 35



Luxury Gold
CPS gld 35



Brilliant Silver
CPS sbm 35

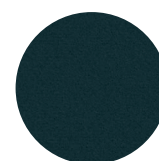


Noble Grey
CPS dgm 35

AVAILABLE STRUCTURES



smooth



structured

