

WHY colofer® AND NO OTHER PRODUCT?



10/2023

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 ultraplant substrate lends colofer® an extremely flat surface free of medium waviness. Thanks to the ultraplant 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.



Premium quality with reduced carbon footprint

colofer®
greentec steel

colofer® – Organic-coated steel strip – greentec steel Edition
Max. carbon footprint 2.23 kg CO₂e per kg of steel ¹⁾
¹⁾ per EN 15804+A2 (EPD methodology) cradle to gate

	CG	CD		CG	CD		CG	CD
RAL 6001	Smaragdgrün	I 0,9	RAL 7002	Olivgrau	B 0,2	RAL 7048	Perlmausgrau	
RAL 6002	Laubgrün	I 2,2*	RAL 7003	Moosgrau	I 1,1	RAL 8000	Grünbraun	I 0,5
RAL 6003	Olivgrün	I 0,6	RAL 7004	Signalgrau	I 0,3	RAL 8001	Ockerbraun	I 0,5
RAL 6004	Blaugrün	I 0,6	RAL 7005	Mausgrau	B 0,6	RAL 8002	Signalbraun	I 0,6
RAL 6005	Moosgrün	I 0,5	RAL 7006	Beigegrü	B 0,3	RAL 8003	Lehmbraun	I 0,2
RAL 6006	Graublau	I 0,6	RAL 7008	Khaki	B 0,5	RAL 8004	Kupferbraun	I 0,6
RAL 6007	Flaschengrün	I 0,4	RAL 7009	Grüngrau	B 0,5	RAL 8007	Rehbraun	I 1,9
RAL 6008	Braungrün	I 0,3	RAL 7010	Zeltgrau	B 0,6	RAL 8008	Olivbraun	I 0,5
RAL 6009	Tannengrün	I 0,9	RAL 7011	Eisengrau	B 0,6	RAL 8011	Nussbraun	I 2,0
RAL 6010	Grasgrün	I 1,0	RAL 7012	Basaltgrau	I 0,4	RAL 8012	Rotbraun	I 1,8
RAL 6011	Reseda	I 1,2	RAL 7013	Braungrau	I 1,6	RAL 8014	Sepiabraun	I 1,0
RAL 6012	Schwarzgrün	I 0,3	RAL 7015	Schiefergrau	B 0,3	RAL 8015	Kastanienbraun	I 0,9
RAL 6013	Schilfgrün	I 0,8	RAL 7016	Anthrazitgrau	B 1,2	RAL 8016	Mahagonibraun	I 0,5
RAL 6014	Gelboliv	I 0,7	RAL 7021	Schwarzgrau	B 0,4	RAL 8017	Schokoladenbraun	B 0,7
RAL 6015	Schwarzoliv	I 0,6	RAL 7022	Umbragrau	I 1,2	RAL 8019	Graubraun	I 0,9
RAL 6016	Türkisgrün	I 0,5	RAL 7023	Betongrau	B 0,1	RAL 8022	Schwarzbraun	I 1,0
RAL 6017	Malgrün	I 1,5	RAL 7024	Graphitgrau	B 0,5	RAL 8023	Orangebraun	I 1,4
RAL 6018	Gelbgrün	I 0,8	RAL 7026	Granitgrau	B 0,5	RAL 8024	Beige	I 0,8
RAL 6019	Weißgrün	I 0,9*	RAL 7030	Steingrau	B 0,5	RAL 8025	Blassbraun	I 0,7
RAL 6020	Chromoxidgrün	I 1,1	RAL 7031	Blaugrau	B 0,6	RAL 8028	Terra	I 1,3
RAL 6021	Blassgrün	I 1,1	RAL 7032	Kieselgrau	B 0,2	RAL 8029	Perlkupfer	I 4,5
RAL 6022	Braunoliv	I 0,7	RAL 7033	Zementgrau	B 0,5	RAL 9001	Cremeweiß	B 0,5
RAL 6024	Verkehrsgrün	I 1,9	RAL 7034	Gelbgrau	B 0,3	RAL 9002	Grauweiß	B 0,2
RAL 6025	Farngrün	I 1,4	RAL 7035	Lichtgrau	B 0,5	RAL 9003	Signalweiß	B 0,9
RAL 6026	Opalgrün	I 0,5	RAL 7036	Platingrau	B 0,9	RAL 9004	Signal	I 0,5
RAL 6027	Lichtgrün	I 0,3	RAL 7037	Staubgrau	I 0,5	RAL 9005	Tiefschwarz	B 1,0
RAL 6028	Kieferngrün	I 1,1	RAL 7038	Achatgrau	B 0,2	RAL 9006	Weißaluminium	I 1,0
RAL 6029	Minzgrün	I 1,0	RAL 7039	Quarzgrau	I 0,8	RAL 9007	Graualuminium	I 0,7
RAL 6032	Signalgrün	I 0,8	RAL 7040	Fenstergrau	B 0,4	RAL 9010	Reinweiß	B 3,0
RAL 6033	Minttürkis	I 0,8	RAL 7042	Verkehrsgrau A	B 0,2	RAL 9011	Graphit-schwarz	I 0,7
RAL 6034	Pasteltürkis	I 0,4	RAL 7043	Verkehrsgrau B	B 0,4	RAL 9016	Verkehrsweiß	I 1,2
RAL 6035	Perigrün		RAL 7044	Seidengrau	B 0,3	RAL 9017	Verkehrsschwarz	I 0,5
RAL 6036	Perlopalgrün		RAL 7045	Telegrau 1	B 0,4	RAL 9018	Pappyrusweiß	B 0,2
RAL 7000	Fehgrau	B 0,7	RAL 7046	Telegrau 2	B 0,3	RAL 9022	Perihellgrau	
RAL 7001	Silbergrau	B 0,5	RAL 7047	Telegrau 4	B 0,1	RAL 9023	Peridunkelgrau	

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

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colofer®

colofer® COLOR FOLDER

More than just design



Premium quality with reduced carbon footprint
colofer®
greentec steel



colofer®

	CG	CD		CG	CD		CG	CD
RAL 1000	Grünbeige	I 0,4	RAL 2005	Leuchtorange		RAL 4004	Bordeauxviolett	S 1,6
RAL 1001	Beige	I 0,4	RAL 2007	Leuchthellorange		RAL 4005	Biouilla	S 0,4
RAL 1002	Sandgelb	I 0,7	RAL 2008	Hellrotorange		RAL 4006	Verkehrspurpur	S 4,8*
RAL 1003	Signalgelb		RAL 2009	Verkehrorange	S 2,4	RAL 4007	Purpurviolett	S 3,4
RAL 1004	Goldgelb	S 0,3*	RAL 2010	Signalorange	S 0,7	RAL 4008	Signalviolett	S 0,2*
RAL 1005	Honiggelb	S 1,2	RAL 2011	Tieforange	S 4,5	RAL 4009	Pastelviolett	I 0,3
RAL 1006	Maisgelb	S 1,6	RAL 2012	Lachsorange	S 0,9*	RAL 4010	Telemagenta	
RAL 1007	Narzissengelb	S 0,8*	RAL 2013	Perlorange		RAL 4011	Perlviolett	S 1,4
RAL 1011	Braunbeige	I 0,2	RAL 3000	Feuerrot	S 0,7	RAL 4012	Perltrombeer	S 0,7
RAL 1012	Zitronengelb	S 1,8	RAL 3001	Signalrot	S 0,3	RAL 5000	Violettblau	I 1,1
RAL 1013	Perlwweiß	B 0,2	RAL 3002	Karmirost	S 0,9	RAL 5001	Grünblau	I 1,8
RAL 1014	Eifenbein	B 0,4	RAL 3003	Rubinrot	S 1,6	RAL 5002	Ultramarinblau	S 2,0
RAL 1015	Helleifenbein	B 0,5	RAL 3004	Purpurrot	S 1,3	RAL 5003	Saphirblau	I 1,9
RAL 1016	Schwefelgelb	S 0,8	RAL 3005	Weinrot	S 0,9	RAL 5004	Schwarzblau	I 1,2
RAL 1017	Safrangelb	S 3,5	RAL 3007	Schwarzrot	I 1,2*	RAL 5005	Signalblau	S 0,4
RAL 1018	Zinngelb	S 0,9	RAL 3009	Oxidrot	I 0,3	RAL 5007	Brilliantblau	I 0,7
RAL 1019	Graubeige	B 0,6	RAL 3011	Braunrot	S 2,4	RAL 5008	Graublau	I 1,6
RAL 1020	Olivgelb	S 0,5	RAL 3012	Beigerot	S 1,8	RAL 5009	Azurbrau	I 0,6
RAL 1021	Rapsigelb	S 4,1	RAL 3013	Tomatenrot	S 1,1	RAL 5010	Ozianblau	I 1,4*
RAL 1023	Verkehrsgelb	S 2,1	RAL 3014	Alfrosa	I 0,7	RAL 5011	Stahlblau	I 3,5
RAL 1024	Ockergelb	I 0,6	RAL 3015	Hellrosa	S 2,7	RAL 5012	Lichtblau	I 0,3
RAL 1026	Leuchtgelb		RAL 3016	Korallenrot	S 1,6*	RAL 5013	Kobaltblau	I 2,1
RAL 1027	Currygelb	I 2,1	RAL 3017	Rosé	S 1,3*	RAL 5014	Taubenblau	I 0,9
RAL 1028	Melonen		RAL 3018	Erdbeerrot	S 2,5	RAL 5015	Himmelsblau	I 0,4
RAL 1032	Ginstergelb	I 0,5	RAL 3020	Verkehrsröt	S 2,3	RAL 5017	Verkehrsbrau	S 1,3
RAL 1033	Dahlengelb	I 1,9	RAL 3022	Lachsrot	S 0,9	RAL 5018	Türkisblau	I 0,2
RAL 1034	Pastelgelb	S 0,5	RAL 3024	Leuchtröt		RAL 5019	Capriblau	I 0,7
RAL 1035	Perlbeige	I 5,0	RAL 3026	Leuchthellrot		RAL 5020	Ozeanblau	I 2,0
RAL 1036	Perlgold		RAL 3027	Himbeerrot	S 2,6	RAL 5021	Wasserblau	I 1,0
RAL 1037	Sonnengelb	S 0,8	RAL 3031	Orientrot	I 2,2	RAL 5022	Nachtblau	S 0,7
RAL 2000	Gelborange	S 0,3	RAL 3032	Perlrubinrot		RAL 5023	Fernblau	I 0,3
RAL 2001	Rotorange	S 1,6	RAL 3033	Perlorosa		RAL 5024	Pastelblau	I 0,6
RAL 2002	Blutorange	S 0,8	RAL 4001	Rotilla	S 0,3	RAL 5025	Perlerian	
RAL 2003	Pastellorange		RAL 4002	Rotviolett	I 0,5	RAL 5026	Perlnachtblau	
RAL 2004	Reinorange	S 2,8	RAL 4003	Erikviolett		RAL 6000	Patinagrün	I 0,5



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

colofer® COLOR FOLDER

COLOR COURAGE



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



voestalpine Steel Division
www.voestalpine.com/colofer



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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.

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® 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.

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.

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.

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® VARIO DESIGN



colofer® VARIO UNIDECOR



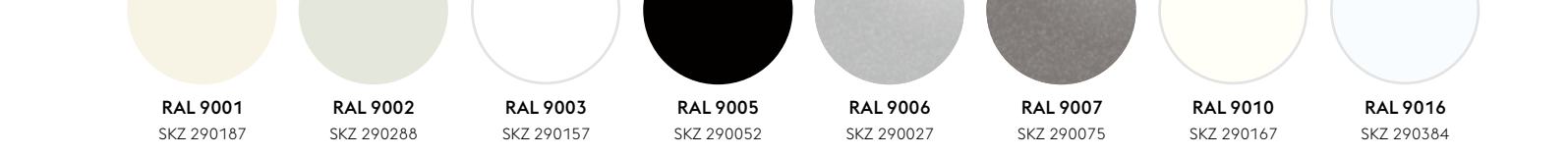
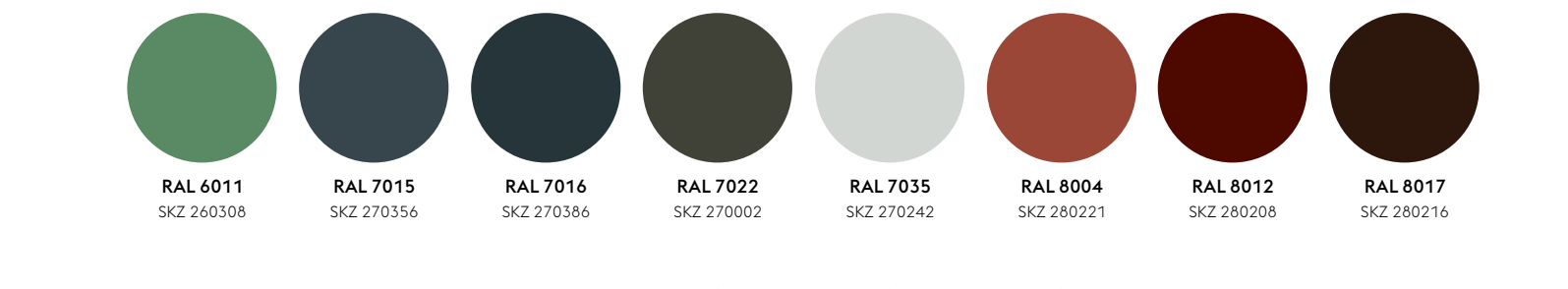
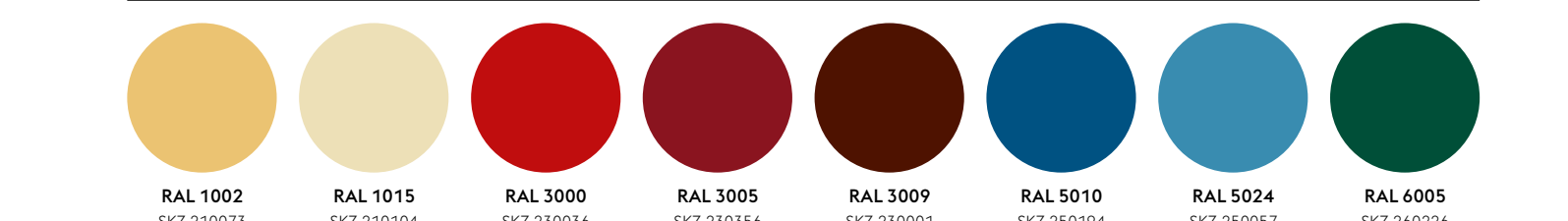
colofer® VARIO METALLIC



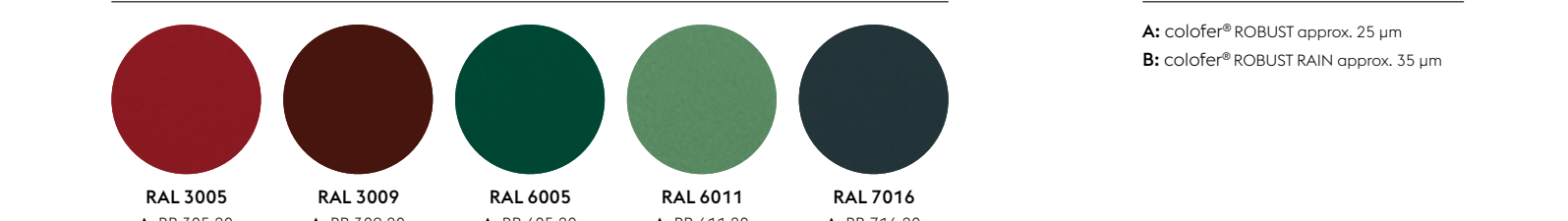
colofer® VARIO IRIDESCENT



colofer® CLASSIC



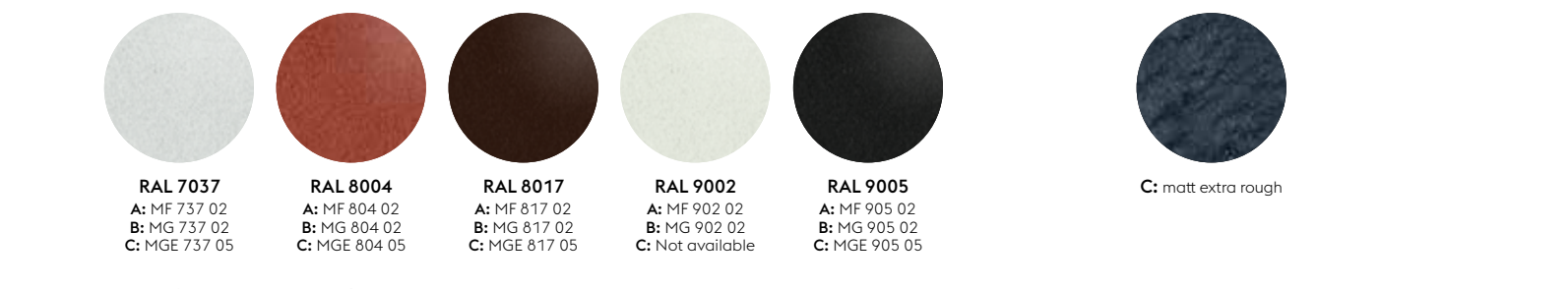
colofer® ROBUST & colofer® ROBUST RAIN



PRODUCT CLASSIFICATION

A: colofer® ROBUST approx. 25 µm
B: colofer® ROBUST RAIN approx. 35 µm

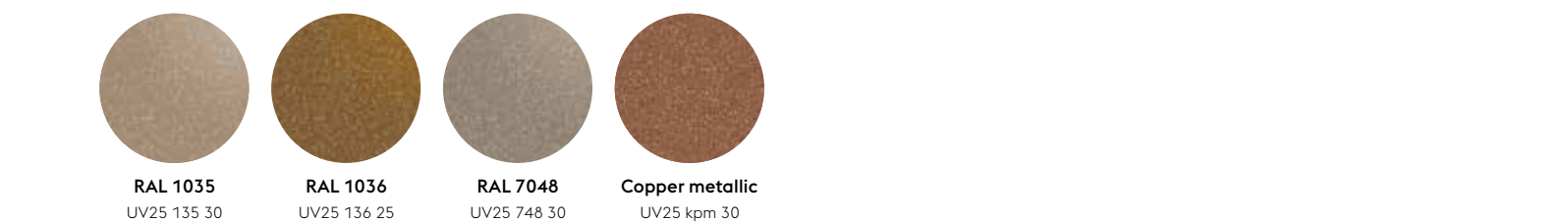
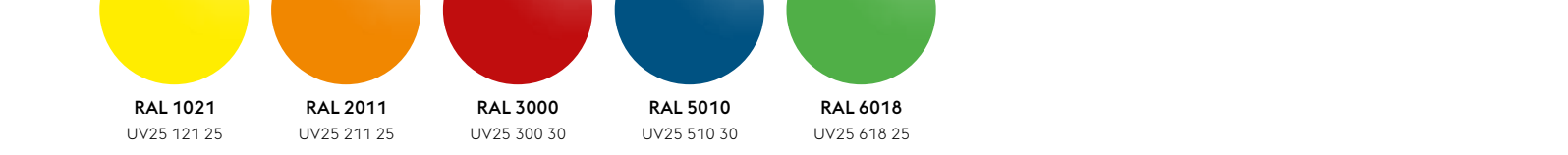
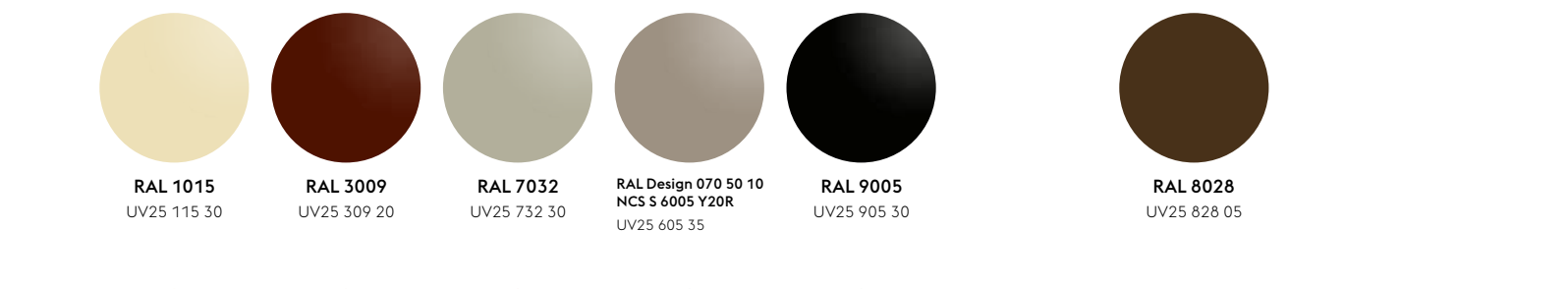
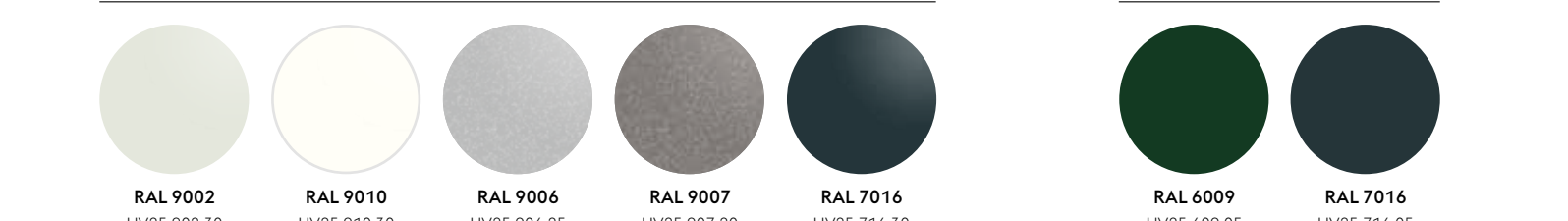
colofer® MATT



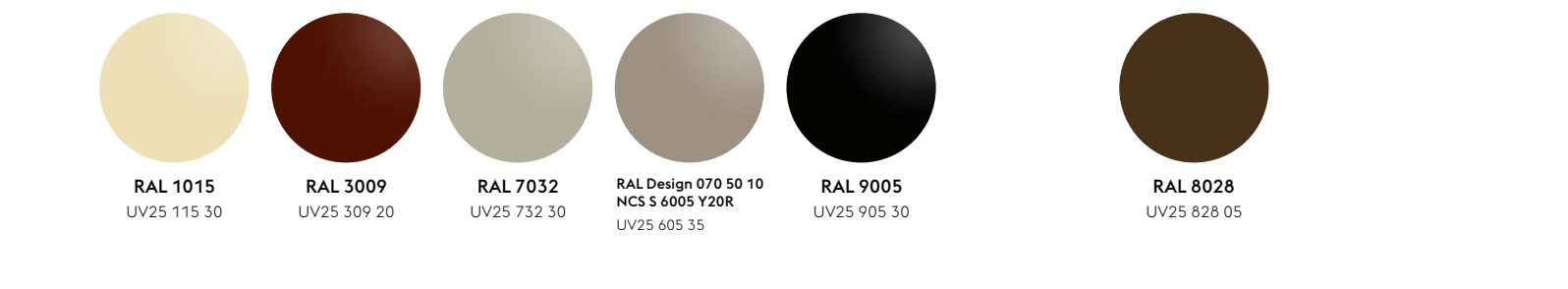
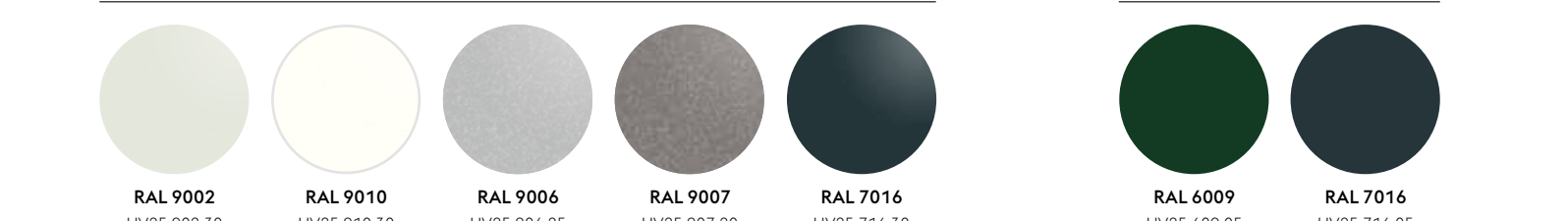
colofer® MATT (facade edition)



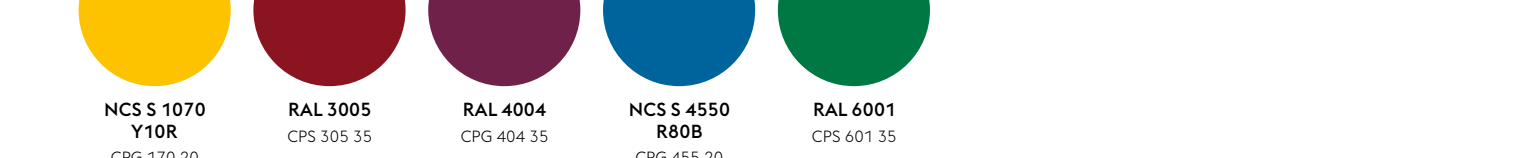
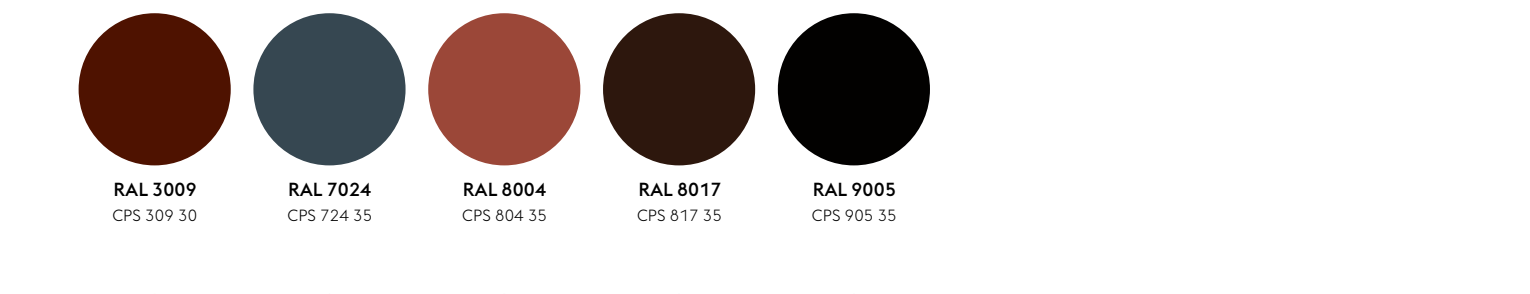
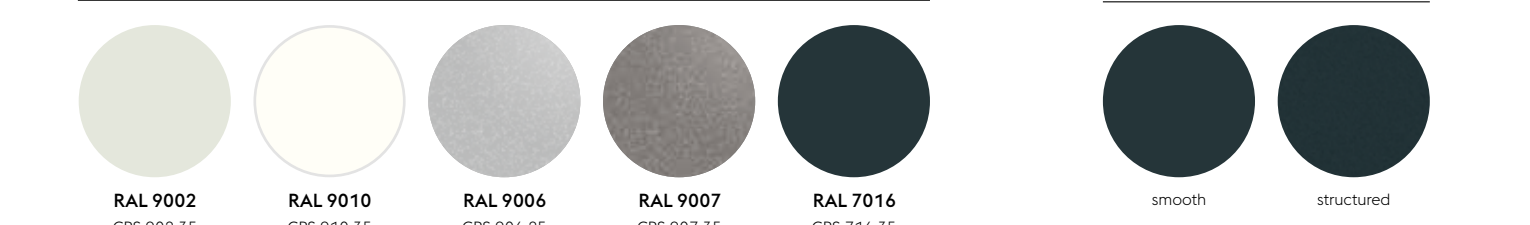
colofer® UV



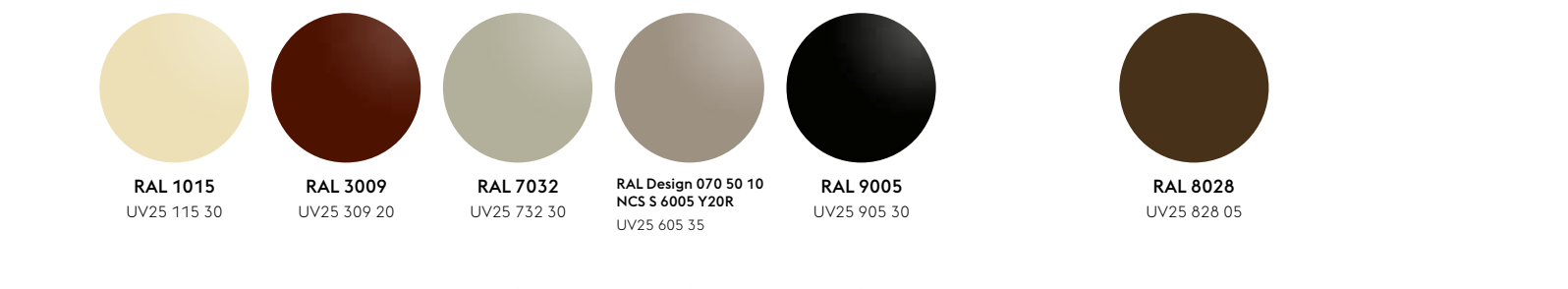
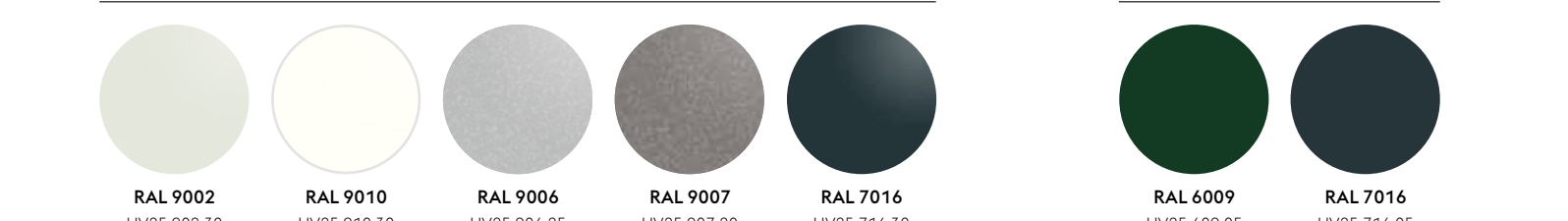
colofer® UV matt



colofer® PLUS



AVAILABLE STRUCTURES



AVAILABLE STRUCTURES

