

+COATINGS



C2⁺

CamouTec

GREBLON[®]
NON-STICK TECHNOLOGY



500% better

100% better abrasion resistance

C2+ CamouTec excels in its outstanding abrasion resistance.

- + BS-Test: 4.000 – 6.000 DR
- + ATP-Test: 60 – 90 min

100% better marking resistance

GREBLON® camouflage technology renders the surface far less sensitive to scratching and marking.

100% better corrosion resistance

Compared to a number of other 3-layer systems on the market, C2+ CamouTec displays markedly improved corrosion protection.

100% GREBLON® Premium DNA

GREBLON® Premium DNA lies at the core of C2+ CamouTec: technologically innovative and creative in design.

100% better optics and haptics

Let your fantasy run wild. With numerous colour variations and a hard surface, C2+ CamouTec impresses with astounding new visual and haptic qualities.



GREBLON® Premium DNA

TECHNOLOGY
DRIVEN

INNOVATION
THROUGH
MARKET
RESEARCH

COMPLETE
PRODUCT
PORTFOLIO
CEBTD

360° SERVICES

GLOBAL
MARKET
PRESENCE

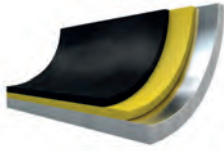
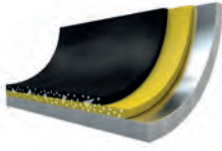
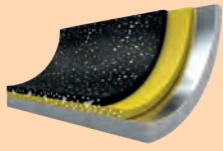
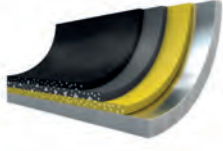
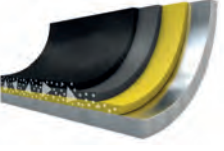
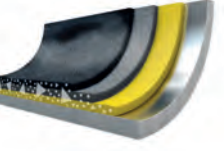
CLOSE TO
CUSTOMERS,
CLOSE TO
MARKETS

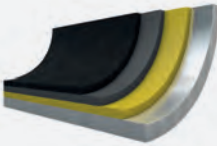
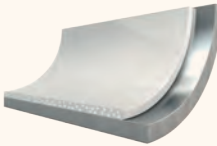
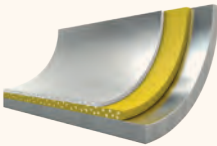
FAMILY OWNED
PEOPLE BUSINESS



GREBLON®

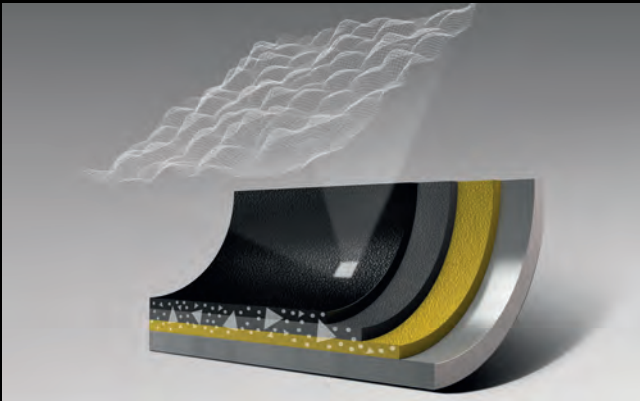
technical facts

	PTFE spray coating		NEW			
				Also available as GREBLON® C3 FOR LASER		
GREBLON®-Label	C2	C2+	C2+ CamouTec	C3	C3+	C3+ PEEK
Product name	GREBLON® C2	GREBLON® C2+	GREBLON® C2+ CamouTec	GREBLON® C3	GREBLON® C3+	GREBLON® C3+ PEEK
Product colour	black metallic	black metallic	black, blue, white	black metallic	black metallic	black metallic
Product code primer/basecoat	03-4005-706555	03-4016-706811	03-5237-708372	03-4022-706813	03-4034-706816	03-5230-707675
Product code midcoat	-	-	spatter: blue, white	04-4023-706814	04-4035-706817	04-5231-707676
Product code topcoat	12-4007-706557	12-4017-706812	12-5237-708371	12-4024-706815	12-4036-706818	12-5232-707677
						
Number of coats	2 coat	2 coat	2 coat	3 coat	3 coat	3 coat
Components	1	1	1	1	1	1
Primer flash off (metal temperature)	60 – 90 °C	60 – 90 °C	60 – 90 °C	60 – 90 °C	60 – 90 °C	60 – 90 °C + 10 min 380 – 400 °C
Curing (metal temperature)	10 min 400 °C	10 min 400 °C	10 min 400 °C	10 min 400 °C	10 min 400 °C	10 min 400 °C
Food safe	yes	yes	yes	yes	yes	yes
PFOA free	yes	yes	yes	yes	yes	yes
APEO free	yes	yes	yes	yes	yes	yes
PTFE	yes	yes	yes	yes	yes	yes
Dry film thickness primer	9 – 13 µm	10 – 14 µm	17 – 23 µm	11 – 15 µm	8 – 12 µm	60 – 90 µm
Dry film thickness midcoat	-	-	-	15 – 19 µm	12 – 18 µm	12 – 18 µm
Dry film thickness topcoat	14 – 20 µm	15 – 21 µm	10 – 16 µm	9 – 13 µm	14 – 20 µm	14 – 20 µm
Recommended substrate roughness Ra	3 – 5 µm	1 – 5 µm	1 – 5 µm	1 – 5 µm	3 – 5 µm	3 – 5 µm
Post-forming possible	no	no	no	no	no	no
Total dry film thickness for optimum properties	> 25 µm	> 30 µm	> 35 µm	> 40 µm	> 38 µm	> 90 µm
Properties:						
Non-stick (10 point test) S-Test 115	pass	pass	pass	pass	pass	pass
Corrosion: S-Test 034 3.4 Part 1 (24h-NaCl)	pass	pass	pass	pass	pass	pass
Abrasion: S-Test 032 (BS 7069:1988)	2.000 – 3.000 DR	2.000 – 3.000 DR	4.000 – 6.000 DR	> 8.000 DR	> 20.000 DR	> 50.000 DR
ATP: S-Test 035	45 – 60 min	60 – 90 min	60 – 90 min	120 – 180 min	> 180 min	> 210 min
GREBLON® Quality Level	★★★	★★★★	★★★★★	★★★★★	★★★★★★	★★★★★★★

	PTFE roller coating	Ceramic spray coating	
			Also available as GREBLON® CK2 FOR LASER
GREBLON®-Label	CR	CK1	CK2
Product name	GREBLON® CR	GREBLON® CK1	GREBLON® CK2
Product colour	black metallic	black	black metallic
Product code primer / basecoat	03-5250-910255	05-2825-707484	05-2826-707304
Product code midcoat	04-5251-910256	-	-
Product code topcoat	12-5253-910261	-	12-2827-707264
			
Number of coats	3 coat	1 coat	2 coat
Components	1	3	3
Primer flash off (metal temperature)	50 – 70 °C	-	none, coat wet on wet
Curing (metal temperature)	3 min 420 °C	10 min 220 °C	20 min 220 °C
Food safe	yes	yes	yes
PFOA free	yes	yes	yes
APEO free	yes	yes	yes
PTFE	yes	no	no
Dry film thickness primer	3 – 5 µm	30 µm ± 5 µm	35 µm ± 5 µm
Dry film thickness midcoat	4 – 6 µm	-	-
Dry film thickness topcoat	13 – 16 µm	-	5 – 10 µm
Recommended substrate roughness Ra	> 1,3 µm	2,5 – 4,0 µm	3 – 5 µm
Post-forming possible	yes	no	no
Total dry film thickness for optimum properties	> 20 µm	> 30 µm	> 35 µm
Properties:			
Non-stick (10 point test) S-Test 115	pass	pass	pass
Corrosion: S-Test 034 3.4 Part 1 (24h-NaCl)	pass	pass	pass
Abrasion: S-Test 032 (BS 7069:1988)	> 2.500 DR	> 4.000 DR	> 6.000 DR
ATP: S-Test 035	> 20 min	> 45 min	> 180 min (depending on substrate)
GREBLON® Quality Level	★★★	★★★★★	★★★★★

Add Modular Improvements

With the GREBLON® Modular Improvements, the individual coating systems can be modularly improved. With GREBLON® ROUGH Technology, the hardness and abrasion of the individual coating systems is enhanced by a special base coat. With GREBLON® add X Technology, the existing system is reinforced by an additional layer.



GREBLON® ROUGH Technology

More than a trend. GREBLON® ROUGH Technology meets the increasing demand for rough and robust surfaces and again improves the abrasion resistance. GREBLON® C2+ ROUGH achieves properties that were previously only reserved for 3-coaters.

Advantages

- Available for the complete C-series
- Rough and robust surface
- Improved abrasion resistance
- Excellent non-stick properties
- Suitable for »shot blasted« surfaces



GREBLON® add X Technology

The symbiosis of the excellent quality of the C-series in combination with the new GREBLON® add X Technology brings long-term non-stick effects, abrasion and corrosion resistance to an optimum. C3+ add X reaches new standards in every respect!

Advantages

- Available for the complete C-series
- Outstanding, long-term non-stick properties
- Excellent scratch resistance
- Best corrosion resistance
- Same properties as plasma coating

Comparison: C2+ and C2+ ROUGH

	C2+	C2+ ROUGH
BS	2.000 – 3.000 DR	> 20.000 DR
ATP	60 – 90 min	> 180 min

Comparison: C3+ and C3+ add X

	C3+	C3+ add X
BS	> 20.000 DR	> 75.000 DR
ATP	> 180 min	> 450 min

**WEILBURGER Coatings GmbH**

Ahaeuser Weg 12-22

35781 Weilburg (Germany)

Phone: +49 6471 315-0 | Fax: +49 6471 315-116

E-mail: info@weilburger.com

www.greblon.com