



GREBLON[®] C for Cookware

PTFE – IMPROVED FORMULATIONS



**"I'VE NEVER BEEN
SO  TOUGH,
SO BRILLIANT, SO
SUSTAINABLE...!"**

GREBLON[®]
NON-STICK TECHNOLOGY



i Tested for brilliance and toughness

The improved formulation ceramic reinforced GREBLON® C3+, for example, proves its new capabilities in the BS 7069:1988 abrasion test. More than 20,000 double rubs provide proof of its exceptionally good result. Collectively, all the new formulation GREBLON® PTFE coating systems demonstrate their excellent abrasion resistance alongside improved surface design in extensive physical tests.

AND NOW GREBLON® GOES ONE BETTER

PTFE
new formulations

Never before have they been so resilient and so durable and yet at the same time optically so brilliant and altogether so ecologically sustainable: GREBLON® C PTFE coating systems.

With improved formulations they now provide a completely new coating quality for cookware such as pots, pans and roasting pans. Clear advantages in both performance characteristics and surface design are combined with further improvements in the application procedure.

As a result, GREBLON® C PTFE coatings deliver a convincing new set of performance characteristics.

So GREBLON® C goes one better.

- ✓ **improved surface with a more brilliant finish**
reduced haze resulting in less marking
- ✓ **improved applications characteristics**
including a greater application window
- ✓ **clear improvement in abrasion resistance**
proved in ATP, StiWA and BS abrasion tests
- ✓ **better non-stick characteristics**
proved in the fried egg test
- ✓ **next stage of development in ecological sustainability**
PFOA free since 2008 and now also APEO free

GREBLON® Recommended Products for Cookware



GREBLON® Label

Product name

GREBLON® C3+

Final product colour

Black metallic

Product code primer/basecoat

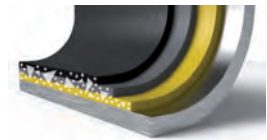
03-4034-706816

Product code midcoat

04-4035-706817

Product code topcoat

12-4036-706818



Coats to apply

3 coat

Components

one

Primer flash off (metal temperature)

60 - 90°C

Curing

10-5 min. 400 - 420°C

Food safe

yes

PFOA free

yes

APEO free

yes

PTFE

yes

Dry film thickness primer

8 - 12 µm

Dry film thickness midcoat

12 - 18 µm

Dry film thickness topcoat

14 - 20 µm

Recommended substrate roughness Ra

3 - 5 µm

Post-forming possible

no

Optimum properties total dry film thickness

> 38 µm

Properties:

Non-stick (12 point test) S-Test 104

pass

Corrosion: S-Test 034 3.4 Part 1 (24h-NaCl)

pass

Abrasion: S-Test 032 (BS 7069:1988)

> 20,000 DR

STIWA: S-Test 009 (internal ranking)

★★★★★

STIWA: S-Test 009 + 039 (internal ranking)

★★★★★

STIWA: S-Test 009 + 039 + 040 (internal ranking)

★★★★★

ATP: S-Test 035

> 180 min.

PTFE

new formulations



GREBLON® C3
Black metallic

03-4022-706813

04-4023-706814

12-4024-706815



GREBLON® C2+
Black metallic

03-4016-706811

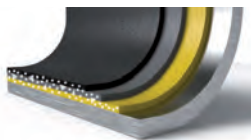
12-4017-706812



GREBLON® C2
Black metallic

03-4008-706809

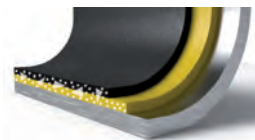
12-4009-706810



3 coat
one

60 - 90°C

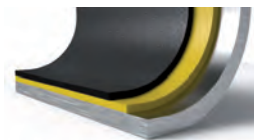
10-5 min. 400 - 420°C



2 coat
one

60 - 90°C

10-5 min. 400 - 420°C



2 coat
one

60 - 90°C

10-5 min. 400 - 420°C

yes

yes

yes

yes

yes

yes

yes

yes

yes

yes

yes

yes

11 - 15 µm

15 - 19 µm

9 - 13 µm

1 - 5 µm

no

> 40 µm

10 - 14 µm

15 - 20 µm

1 - 5 µm

no

> 30 µm

7 - 11 µm

14 - 20 µm

3 - 5 µm

yes

> 25 µm

pass

pass

> 8,000 DR

★★★★★

★★★★★

★★★★★

120 - 180 min.

pass

pass

2,000 - 3,000 DR

★★★★

★★★★

★★★★

60 - 90 min.

pass

pass

1,000 - 2,000 DR

★★

★★

★★

45 - 60 min.

WEILBURGER worldwide

Europe:

5 Production sites

2x Germany
Italy
France
Poland

Asia:

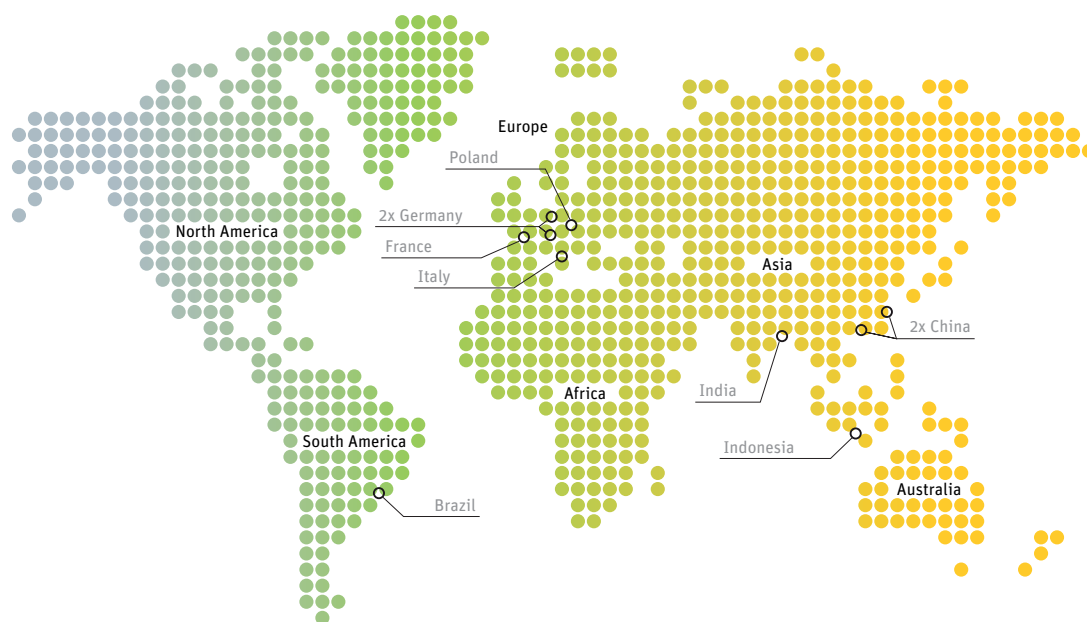
4 Production sites

Indonesia
2x China
India

South America:

1 Production site

Brazil



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