

TECHNICAL DATA SHEET No 211

C495 CLEAR EXPRESS SR 4:1

GENERAL TECHNICAL DESCRIPTION

Fast-drying clear coat for spot and panel repairs.

Durable gloss with exceptional chemical and mechanical resistance.

Air drying times can be further reduced with the use of 727 POLAR HARDENER and A715 ACCELERATOR .

SURFACE

HB BODY solvent- and waterborne basecoat paints

PRETREATMENT/CLEANING OF SUBSTRATE

Let the basecoat dry sufficiently before the clearcoat. Clean the surface from the dust with a tack cloth.

ANCILLARY PRODUCTS & ADDITIVES

727 POLAR HARDENER
753 HARDENER FOR TOPCOATS NORMAL
715 ACCELERATOR
740 ACRYL NORMAL THINNER (REDUCER)
741 ACRYL SLOW THINNER (REDUCER)

PRODUCT APPLICATION:

MIXING	VOLUME	WEIGHT
C495	4 parts	100g
727/H753	1 part	25.4g
740/741	0-10%	0-9.3g

Pot life at 23°C (73°F):
> 3 h
> 1 h, when used with A715

Ready to spray: 15 - 18 s
DIN 4 / 20°C (68°F)

1.2 - 1.3 mm
1.7 - 2.2 bar (25 - 32 psi)
2x coats = 40 - 50 µm
(1.6 - 2 mil)

For the use of A715 Accelerator, replace thinner/reducer:
- By Volume: 20ml A715 for every 500ml of mixed product
- By Weight: 3.8g A715 for every 100g of clear coat

5 min / 23°C (73°F)
Flash off time between coats
10 min / 23°C (73°F)
Flash off time before drying

Dust / Touch free
5 min / 23 °C (73°F) *
1 h / 23°C (73°F)
90 min / 23 °C (73°F)
Ready for polishing *
10 min / 60°C (140°F)
panel temperature

* When used with 727 & A715

Short wave 5 - 7 min
Distance: 60 - 70cm

SPECIFIC GRAVITY
0.95 ± 0.02 g/cm³

SOLID CONTENT
39 ± 2% Weight

VOC (2004/42/EC)
This is a special refinish product based on its ingredients and its properties. The maximum VOC content in this category is 840 g/L. The VOC content in the ready for use form of this product is 840 g/L. 2004/42/IIB(e)(840)840

THEORETICAL COVERAGE
7 m²/L at 50 µm (2 mil) dry film thickness

CLEANING OF EQUIPMENT
Clean after final use with 740 ACRYL NORMAL or 767 NITRO thinner / reducer

REMARKS

- Application only with the recommended hardeners and thinners / reducers.
- Do not use at temperatures below 15°C (59°F).
- Drying time and potlife depends on hardener, film thickness and ambient temperature (recommended film thickness 50-60 µm).

STORAGE SHELF LIFE
Guaranteed shelf life of 24 months in unused original containers stored in a cool place (5 - 25°C) (41 - 77°F).

Always wear protective equipment

Follow the application instructions mentioned in this TDS

2K paint systems tend to react with water, hence all the equipment used must be moisture free. Isocyanates may cause skin sensitization. More specifically, care should be taken when handling the material. Anyone with a history of histaminic conditions, or respiratory problems should consult the doctor first.

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