

# A-C-90

Variant with G-A-990 Matting agent



A brand of BASF –  
We create chemistry

- Application:** A-C-90 Eco Balance clear coat, extra mat with G-A-990 Matting agent.
- Key Features:** For applications when extremely mat finishes are required.
- Remarks:**
- Up to a maximum of 20% by weight of G-A-990 Matting Agent can be added to A-C-90 Eco Balance clear coat, extra mat.
  - Addition of the maximum 20% by weight of G-A-990 Matting agent will result in a gloss level of 5 measured at a 60° angle.
  - Prepare only the quantity of paint that will be used the same day because the gloss level may change when the mixture is stored!
  - When using A-H-491 this will decrease the gloss level.
  - Stagger overlaps on the first and second coat.
  - If necessary, up to 10% A-R-120 /-130 can be added. (By adding additional reducer this can lower the gloss level).
  - To further improve the surface leveling it is possible to prepare A-C-90 with G-A-990 2-3 hours before adding hardener and reducer.
  - **Stir immediately after adding G-A-990 Matting Agent!**



**Mixing Ratio PreMix**

100 % by weight      A-C-90  
20 % by weight      G-A-990

**2:1**



**Mixing Ratio**

100 % by volume      PreMix



**Hardener**

50 % by volume      A-H-490, -H-491  
Eco Balance topcoat hardener, mat / mat slow



**Spray viscosity at 20°C**

DIN 4:      16-18 s

**Potlife at 20°C**

1 h

**Safety advice:**

The products are suitable for professional use only.

It cannot be ruled out that this product contains particles < 0.1 µm.

**2004/42/IIB(e)(840)629:** The EU limit value for this product ( product category: IIB.e ) in ready to use form is max 840 g/litre of VOC. The VOC content of this product is 629 g/litres.

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Application:	Compliant gravity-feed spray gun	HVLP spray gun
Application pressure	2 bar	
Nozzle pressure		0.7 bar
Nozzle size	1.2-1.3	1.3
Number of spray coats	2	
Flash off at 20°C	Flash off until mat between spray coats and before drying.	
Film thickness	40-50 µm	



**Drying at 20°C** 8 h  
**Drying at 60°C** 30 min



**Infrared (short wave)** 8 min

Please note: For automotive refinish, repair instructions of vehicle manufacturers, in particular regarding installed sensor technology, must always be observed in addition to the processing instructions given within this document.



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