

# AGILIS

## R-M AGILIS Waterborne basecoat

- Application:** Mixing system for waterborne basecoats used in automotive refinishing. Mixing formulas for the whole range of (solid, metallic and pearl-effect) colors needed in automotive refinishing are available. Please refer to the INFO R-M module "AGILIS" for further details and information about application processes.
- Key Features:** Water-thinnable, less than 6% organic solvents (ready for use).
- Remarks:**
- Mixing formulas with AGILIS BASE HB 010 / AGILIS BASE HB 030 / AGILIS BASE HB 010X / AGILIS BASE HB 030X and mixing bases are available to cover the whole range of colours needed in automotive refinishing.
  - For high temperatures, low humidity or big surfaces the mixing bases AGILIS BASE HB 010, AGILIS BASE HB 030 and the reducer AGILIS MIX RA 050 can be exchanged by the products AGILIS BASE HB 010X, AGILIS BASE HB 030X and AGILIS MIX RA 050X.
  - Use HB 010 / HB 030 only mixed with AGILIS base colors and AGILIS MIX RA 050.
  - Use HB 010X / HB 030X only mixed with AGILIS base colors and AGILIS MIX RA 050X.
  - Mixtures will keep for up to 3 months when stored in corrosion-resistant (plastic or internally coated) closed cans.
  - Ready for use mixtures will keep for up to 3 weeks when stored in corrosion-resistant (plastic or internally coated) closed cans.
  - Flash-off times can be reduced significantly by using appropriate air blow equipment.
  - Please refer to the INFO R-M module "R-M AGILIS" for further details and information about application processes.

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**Storage temperature** 5-40 °C

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### Cleaning

Sand with P400 / P500, resp. with P500 / P600 for effect colors. The final sanding should be carried out with an interface pad in order to achieve the best results. Clean with R-M waterborne cleaner (base-/topcoat). Alternative: apply to R-M wet-on-wet filler or sealer

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### Safety advice:

**2004/42/IIIB(d)(420)249:** The EU limit value for this product ( product category: IIB.d ) in ready to use form is max 420 g/litre of VOC. The VOC content of this product is 249 g/litres.

The products are suitable for professional use only. It cannot be ruled out that this product contains particles < 0.1 µm. For the use of this product please adhere to the actual safety recommendations and the personal protective equipment.

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the products for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein are for general information purpose only; they may change without prior information and do not constitute the agreed contractual quality of the products (product specification). The latest version supersedes all previous versions. You can obtain the latest version from our website at [www.rmpaint.com](http://www.rmpaint.com) or directly from your sales partner. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.



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VOC ready for use 249 g/l

2:1



**Mixing Ratio**

100 % by volume

R-M AGILIS Waterborne basecoat  
Solids or Metallics (acc. to mixing formula)



**Thinner**

50 % by volume

RA 050 Thinner  
RA 050X Thinner  
(acc. to mixing formula)  
Stir IMMEDIATELY after adding.



**HVLP spray gun**



**Compliant gravity-feed spray gun**

**Application pressure**

2 bar

**Nozzle size**

1.3-1.4

**Number of spray coats**

1 full coat + 1 "Finish coat" applied wet-on-wet

**Flash off at 20°C**

Flash-off until the surface is completely mat after the "Finish coat".

**Film thickness**

10-15 µm

**Application Remark**

Spraying pressure = Inlet pressure / The setup depends on the spray gun supplier, please refer to the INFO R-M module "BASIC KNOWLEDGE - BODYSHOP EQUIPMENT" for detailed information.

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### Drying



**Infrared (short wave)** Surface temperature 40 – 50°C (max. 60°C) until mat surface + cooling.

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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