

# ONYX HD

## ONYX HD

### Variant ONYX ACTIVATOR

**Application:**

- For special applications recommended by car manufacturers or for use under C 2A40 clear coat, the usage of ONYX ACTIVATOR would be necessary in ONYX HD basecoat.
- Additive for ONYX HD and for use in solid-color basecoats applied as a ground coat in ONYX HD 3-layer systems to improve tape resistance and hardness.
- If clear coat will be applied after the base coat application, please ensure this is done within 4 hours.

**Remarks:**

New mixing bases must be stirred manually before use and additionally for 15 minutes in the mixing machine. Stir all products stored in the mixing machine twice a day for 15 minutes.

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**Storage temperature**

5-45 °C



**Cleaning**

Clean with R-M waterborne cleaner (base-/topcoat). Sand with P400 (sanding filler and well-cured or solvent-resistant old paintwork). Clean with R-M waterborne cleaner (base-/topcoat).

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**Safety advice:**

**2004/42/IIIB(d)(420)419:** The EU limit value for this product (product category: IIB.d) in ready-for-use form is max 420 grams of VOC per liter. The VOC content of this product is 419 g/l.

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

The products are suitable for professional use only.

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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**Mixing Ratio** 100 % by volume

ONYX HD mixing bases (acc. to mixing formula)\*  
Mix the ONYX HD basecoat to the formula and stir it carefully.  
\*Mixing formulas that contain MIXINGBASE W cannot be used with ONYX HD ACTIVATOR.



**Hardener** 5 % by volume

A 2210 Waterborne basecoat activator  
Add ONYX HD ACTIVATOR and stir again carefully.



**Thinner** 80 % by volume

HB 032 HYDROMIX  
Add HYDROMIX and stir carefully.  
Strain before application.  
When using HB 004 in the mixing formula, HB 034 HYDROMIX SLOW must also be used.

**Potlife at 20°C** 30 min



**HVL spray gun**



**Compliant gravity-feed spray gun**

**Nozzle pressure** 0.7 bar

**Nozzle size** 1.4-1.5

**Number of spray coats** 1 or 2 (spray to cover) plus ½ to match effect.  
For some colors, one further spray coat may be necessary.

**Flash off at 20°C** Flash off until mat after each spray coat.

**Film thickness** 20-25 µm

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#### Drying



Drying at 20°C 15 min

Drying at 60°C 10 min

Drying Remark The drying time depends on climatic conditions and equipment used.

#### Remark

Apply one of the recommended R-M clears. ONYX HD basecoats may be over coated with the same product after the indicated drying times.

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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