

466 BASECOAT BLENDING ADDITIVE



PRODUCT DESCRIPTION

466 BLENDING ADDITIVE is a special fade-out mixing additive for solventborne basecoat paints, providing solution to pigment flotation phenomena, particularly with non-metallic pale colours.

Applicable for spot and panel repairs when blending is required.
Excellent overspray absorption and easy melting. Quick drying properties.
Easy metal flakes orientation and halo control at blending zone.

PRODUCTS & ADDITIVES ASSORTMENT

466 BLENDING ADDITIVE
COLOR SOLUTIONS BASECOAT
BASECOAT THINNER 760/761
802 BLEND+PREP PASTE

SUBSTRATES

2K Primed surfaces, well dried, sanded and clean.
Solventborne Basecoat Paint, well dried.
OEM paints sanded and cleaned.
Old paintwork, sanded and cleaned.

SURFACE PREPARATION for blending



1/ Repaired Areas: HB BODY 2K Primers, OEM new paint and old existing finishes, well dried:
Sand with dry abrasive P400 – P500 or wet P800 – P1000.



2/ Blending Zones: matting of old existing finishes or OEM paint:
- *Option A:* Use 802 BLEND & PREP PASTE and HB BODY very soft non-woven pad (grey).
Remove paste 802 from surface with clean water, or,
- *Option B:* Use wet or dry abrasive, grit P1000-P2000 with dual action 3mm sander and an interface pad



Clean the surface with ANTISIL 770 NORMAL/771 FAST Degreaser.
Make sure the surface is first wiped dry and then air dried.
Blow and clean the surface with tack-cloth prior to Basecoat application.



Always wear protective equipment

SPRAY GUN SET-UP

Type	Gravity
Nozzle	1.2 – 1.3 mm
Inlet Pressure	1.7 – 2.2 bar (25 - 32 psi)

PRODUCT APPLICATION METALLIC and 2-STAGE PEARL COLOURS

- STEP 1:
PRE-COAT
(optional)**
- Spray pure Blending Additive before basecoat. Apply one thin, smooth, even closed layer all over the blending area.
 - Flash-off time: until matt and touch-free

Remarks:

- * In the case of clearcoat blending after colour blending (e.g. spot repairs) do not extend this layer beyond the clearcoat fade-out zone.
- * Addition of 5% Basecoat Thinner 761 Slow may facilitate application on large surfaces at temperatures above 35°C.

- STEP 2:
BASECOAT
APPLICATION**
- Covering coats:*
- Apply 2 or more light, closed coats until obtaining opacity on the repair area. Extend the edges of paint to the maximum.
 - Flash-off time: until matt and touch-free.
- NOTE: for the ease of colour melting it is recommended to add 10-20% of Blending Additive 466 to the basecoat before mixing 50% with thinner 760/761 (and before hardener addition, when specified)

Effect Coat: see next section

- STEP 3:
EFFECT COAT &
FADE-OUT LAYERS**
- Mix RFU basecoat with 50% Blending Additive 466.
 - Lower pressure to 1,5 bar and spray keeping a longer distance from the surface.
 - Spray thin, smooth layers over the matted blending zone.
 - Extend overlapping layers to the maximum.
 - Repeat if necessary, mixing the RFU basecoat 100% with Blending Additive 466 (final layers).
 - Flash-off time before clearcoat: 10' – 15' minutes.

WARNING: do not apply pure Blending Additive 466 as a final coat over metallic basecoat

RECOAT UHS and HS HB BODY 2K Clearcoats

PRODUCT APPLICATION NON-METALLIC LIGHT PALE COLOURS and 3-STAGE PEARLS

- STEP 1:
PRE-COAT**
- Spray pure Blending Additive before basecoat. Apply one thin, smooth, and wet layer all over the blending area.
 - Flash-off time: until matt and touch-free

Remarks:

* In the case of clearcoat blending after colour blending (e.g. spot repairs) do not extend this layer beyond the clearcoat fade-out zone.

* Addition of 5% Basecoat Thinner 761 Slow may facilitate application on large surfaces at temperatures above 35°C.

- STEP 2:
BASECOAT
APPLICATION**
- Mix basecoat paint (before hardener addition, when specified) with 20% with Blending Additive 466.
 - Dilute the mixture 50% with Basecoat Thinner 760 Normal or 761 Slow.
 - Apply 2 light, closed coats to obtain opacity on the repair area. Extend the edges of paint to the maximum.
 - Flash-off time: until matt and touch-free.

- STEP 3:
FADE-OUT LAYERS**
- Mix RFU basecoat with 100% Blending Additive 466.
 - Lower pressure to 1,5 bar and spray keeping a longer distance from the surface.
 - Spray thin, smooth overlapping layers over the matted blending zone. Extend layers to the maximum.
 - Flash-off time: until matt and touch-free.

- STEP 4:
FINAL COAT**
- Apply pure Blending Additive 466 as a final coat over the whole area repaired and blended. Repeat until no halo effects are visible.

- Notice for 3-stage pearl colours**
- (a) non-metallic base layer (stage 1): follow steps 1-4 above
 - (b) pearl layer (stage 2): follow steps 2-3, step 4 optional

- RECOAT** UHS and HS HB BODY 2K Clearcoats

SPECIFIC GRAVITY 0,91 ± 0,01 g/cm³

SOLID CONTENT 11 ± 1% by weight

VOC (2004/42/EC) - Not applicable
This product is an auxiliary and is not used on its own.
Therefore, it is not incorporated under the European
legislation for Volatile Organic Compounds

EQUIPMENT CLEANING After use, clean the spray guns thoroughly with T769 GUN WASH CLEANER or 767 NITRO Thinner/Reducer.

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

For PROFESSIONAL USE ONLY. The information displayed on this sheet has been carefully selected through a series of laboratory investigations. It is based on our best knowledge at the time of issue. The data is given for information purposes only. We are not liable for its correctness, accuracy, and completeness. It is up to the user to check for newer updates or further information if needed for his intended purpose. The intellectual property of this product, trademarks and copyrights are protected. All rights reserved. The relevant Material Safety Data Sheet and warnings displayed on the label must be read carefully. We may modify and / or discontinue operation of all or portions of this information at any time in our sole discretion, without any notice and assume no responsibility to update the information. All rules set forth in this clause shall apply accordingly for any future changes and amendments.