

TECHNICAL INFORMATION

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16.05.2011



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Product Name: U100 UBS

Permanently elastic, rubber spray compound of solid particle high contents purposed for long-term protection against stones and anti-corrosion protection of vehicles. It provides also sound insulation. The provided coat may be covered with any type of top coat. It is free of bituminous-rubber mastic.

Package: 1.00kg

Product and additives: U100 UBS

Main ingredients: synthetic resins and fillers.

Colour: grey and black

Consistency: liquid

Yield: 5-7m²/kg
Caution!
In practice yield depends on e.g.:
object's shape, base roughness, application method
and work conditions.

Solid particle contents: 72%

Resistance: Chemical resistance:
against acids: good against salt: very good
against bases: good against water: very good
against oil: very good

Application:

- To protect top coated surfaces of car bodies against stones.
- To provide protection for spoilers, door sills, mudguards, chassis against damages causes by stones, sanding and salt.
- To provide sound –insulation of bus and car chassis.

The above information is based on currently available data and knowledge on the product and its use. The information does not purport to be a description of product in terms of its quality, suitability for use in some conditions, nor does it guarantee any particular features. User shall follow instructions provided on labels and MSDS. Producer is not responsible for consequences and work effects that were influenced with factors beyond his control.

APP S.A. 62-300 Września ul.Przemysłowa 10, Phone +48 61 437 00 00.

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Base:

Proper base:

Raw and grounded steel sheet.
Surfaces covered with primers and top coats.
Plastic elements and parts.

Base preparation:



Remove from steel sheet surface any corrosion.
Grind steel sheet with P80-P150 sandpaper.

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In case of zinc plated steel, aluminium and plastic surfaces tarnish with an abrasive pad.
In case of acrylic and epoxy base coats provide dry-sanding with P360-P500.

Before spray clean the treated surface and remove any dust and degrease with W900 or WK900 cleaner.

Caution!

Remove bituminous rubber mastic based coats.

Use:

Ratio:

U100 UBS is ready to use product for spraying of density at temperature +20°C: 1.5kg/l.

Application:



Mix well before use by shaking the container. Remove nut's protection and mount the container on the spray gun.

Apply with the spray gun under pressure from 0.3 to 0.4 bar at distance 15-25cm.

Coat number: 1-2

Coat thickness: 150-200µm of a single coat.

Caution!

The best effects ensure the spray gun purposed for dense products provided with a adjusted nozzle or the pneumatic gun provided with a pressure tank.

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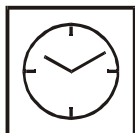
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Drying:



Drying time at temperature +10°C:

- Manipulation time: 2h
- Application of the next coat: after 90 minutes

Drying time at temperature +20°C:

- Manipulation time: 1.5h
- Application of the next coat: after 60 minutes

Drying time at temperature +30°C:

- Manipulation time: 1.0h
- Application of the next coat: after 45 minutes

The coat total mechanic strength after 24h.

Top coat application:

U100 UBS may be covered with single or double component top coats used in case of car body renovations.

Notice!

In case of U100 after 30-40 minutes the top coat drying is possible at ambient temperature only.

Thin first layer of top coat is recommended.

Cleaning:

Nitrocellulose thinner

Storage:



Store in closed, original containers in dry and well ventilated spaces, at temperature +5°C up to +30°C.
Protect against freezing.

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Industrial Safety:



Product for professional use only.
See: labels on containers and MSDS.
User must follow locally and regionally applicable industrial safety regulations.

VOC:

Permitted VOC content g/l in the ready to use product
840g/l for U100 UBS.
VOC maximum content g/l in the ready to use product
420g/l for U100 UBS.

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