



BETAPRIME™ 5026

Short Description

Adhesion promoting primer for laminated glass with enamel layer inside and enamel substrates. To be used in combination with Dow Automotive Systems one component PUR-Adhesive/sealants.

Properties

One-step primer which can be used without Silane wipe pretreatment. Primer with short and long open time. Compatibility with coated polycarbonate substrates.

Application

All Dow Automotive products are primarily developed in co-operation with the automobile manufacturers, according to their needs and their specifications, they are approved for the specific applications as defined by the customer. The use of the product other than approved application have to be released in written form by the Technical Service of Dow Automotive.

Technical Data

Unless specified otherwise test are conducted at 23°C/50% relative humidity.

Basis	Silane modified Polymers
Colour	black
Pigments	Carbon black
Density	0.88 - 0.94 g/cm ³
Solids contents	20 – 35 %
Viscosity DIN-cup 4mm	10 - 12 s
Minimum open time	4 hours / felt application
Maximum open time	12 weeks / felt application
Reactivation:	One time reactivation possible with: BETACLEAN™ 3300 (wipe-on / wipe off) maximum open time 24 hours.
Processing temperature	10 - 40°C
Processing instructions	With the steel balls moving free inside of the primer container, the contents shall be manually shaken for at least one minute before breaking the original seal and opening it. In case that the steel balls are not audible accounted for, e.g. they are not heard of moving free inside the container, it is recommended to strike the container top on hard flat surface once or twice in order to properly release them. This is essential to enable a proper manual dispersion of the sediment residue which might occur at the bottom of the primer container during extended storage.
Caution	The product is extremely sensitive to humidity. It is imperative that container should be closed immediately after use, in order to extend durability of the remaining primer contents.
Shelf life	3 months at + 5°C - + 25°C in unopened containers.
Shelf life after opening	Depending on ambient conditions and working method: Use following test method to monitor if primer can be further used for one day or if it is non-conformous and has to be disposed of. Daily measurement of viscosity DIN 4 cup: must not exceed 17 seconds.
Bonding Surface Preparation	All bonding surfaces must be free of impurities (dirt, dust, water, oil, grease, release agent and similar contaminants). Verify compatibility before use, or consult our Technical Service for more information.
Processing equipment	Primer applicator, primer application device (flask with primer applicator head and felt) or automatic primer application system.
Cleaning	Clean equipment with BETACLEAN™ 3000
Containers	Aluminium bottles

**Health and Safety**

The use of bonding agent (primer) is generally harmless and as long as the basic rules for safe handling of chemicals are applied. However, the direct contact of uncured primer to food and food containers shall be avoided. Mandatory are protective measures in order to prevent direct skin contact as well as to avoid solvent inhalation. Proper ventilation should apply when using primers with high volatile content. If any primer is applied in the means of spraying technique, special care should apply in relation to respiration and personal protection in order to prevent aerosol inhalation. Suitable solvent resistant rubber gloves, conventional eye protection as well as appropriate type of respirator mask are essential. In case of direct contact with any primers the skin must be rinsed first with warm water and then cleaned thoroughly with conventional soap. Solvents shall be avoided. For detailed protective measures refer to the material safety data sheets.

Dow Automotive Systems Quality Assurance

Quality is our utmost goal. Dow Automotive works according to a modern quality management system conforming to ISO/TS 16949.

Environment: All sites of Dow Automotive are conforming to ISO 14001.

All statements, technical information and recommendations contained in this document are based on tests that we believe are reliable.

However, the accuracy or completeness of the statements, information and recommendations is not guaranteed, as before using, the user should determine the suitability of the product for user's intended purpose.

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