

# TECHNICAL INFORMATION

Date of preparation:  
24.04.2018



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## Product name: universal polyester putty APP Quartz Q102. APP No.: 010420.

Universal two-component polyester filling putty with a medium specific weight of 1.20 kg/dm<sup>3</sup>. Thanks to its creamy texture, it is easy to apply and form on surfaces with irregular shapes. It is easy to process after hardening, has a uniform no-holes surface and provides high quality finish.

Packaging: 1.0 L.

Product and additives: APP Quartz Q102  
peroxide hardener paste.

Basic components: APP Quartz Q102 - a mixture of unsaturated polyester resin with mineral and synthetic fillers.  
Hardener - DIBENZOYLPEROXID.

Colour: grey.

Application It is purposed for filling dents and levelling scratches during bodywork/sheet-metal and lacquer repairs where high quality and small weight gain is an important element.

Base  
Suitable substrates: Steel, galvanised sheet steel, aluminium, glass fibre reinforced polyester products, two-component fillers, polyester laminates and old OEM coatings.  
In order to increase corrosion resistance, any spots polished to bare metal must be primed with APP 2K Grund EP two component epoxy primer.

Note!  
Do not apply directly on: wash primers and acid-hardened primers, mono-component products and thermoplastic acrylics (TPA).

Preparation of the substrate: Steel:  
- dry sand with P120-P150 sandpaper and degrease.



Galvanized sheet steel, aluminium:  
- dry sand with a non-woven abrasive or P150-P180 sandpaper and degrease.

Existing finishing:  
- polish with P120-P150 abrasive paper to bare metal or until proper surface quality is obtained, then smooth down all lines of transition to old coating using P150-P220 abrasive paper.

The above information is consistent with the current state of knowledge about our products and their applications. This guarantees no specific properties or usability in particular conditions. Refer to notes and warnings placed on product labels and included in product data sheet. We assume no liability whatsoever, if any factors outside our control affected the final result of the work.

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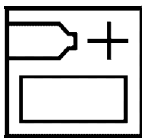
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Before applying the putty, the processed surface should be cleaned of dust and degreased with W900, W911 or WB910 cleaners.

## Application

Mixing ratio:



Mixing weight proportions:

100 g	APP Quartz Q102
2-3 g	Hardener paste

Note!

Avoid hardener overdosing, as this may cause local lacquer coating discolouration and poor hardening.

Mix by squeezing until a uniform colour is obtained.

Application:

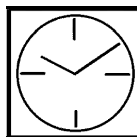


Apply thin layers using a palette knife not exceeding the product's shelf-life which is 3 to 5 minutes.

Recommended temperature range: from +10°C to +25°C.

Do not use the product at temperatures below +5°C - hardening may not occur.

## Drying



At a temperature of +20°C it is ready for further processing after:

- 20-25 minutes.

Short-wave radiator: 4-5 minutes.

Note!

During forced drying the temperature should not exceed +80°C, as it may result in loss of adhesion, cracking or bubbling.



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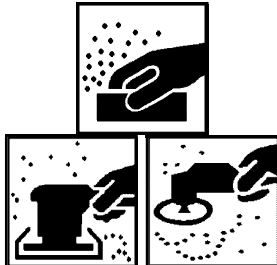


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## Grinding



After final hardening, used as:

A) rough putty:

- dry preliminary sanding: P120/P150
- dry rough sanding: P220/P240

B) finishing putty:

- dry rough sanding: P150/P180
- dry finishing sanding: P240/P320

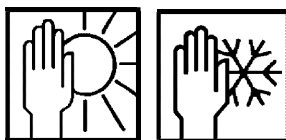
## Coverage:

APP 1K S Glättspachtel  
APP SN 05 PE Poly-Plast Spritzfuller  
APP 2K HS Acrylfüller 4:1  
APP 2K HS Acrylfüller 4:1 Rapid  
APP 2K HS Acrylfüller 5:1  
APP 2K HS Compact Acrylfüller 5:1  
APP 2K Grund EP  
APP 1K Primer Filler  
APP 1K Haftgrund  
APP 2K Haftgrund

## Equipment cleaning:

Wash with nitrocellulose solvent immediately after use.

## Storage:



Store in tightly closed original packages in a dry, well-ventilated room at a temperature between +5°C and +30°C.  
Protect against freezing.

## Health and Safety

### Regulations:



For professional use only.

See: the text contained on the product labels or in the material safety data sheet.

The user must observe the safety regulations in force in a given country.

### LZO/VOC:

Acceptable content of LZO in g/l in a ready-to-use product.

250 g/l for APP Quartz Q102

Maximum content of LZO in g/l in a ready-to-use product.

<12 g/l for APP Quartz Q102

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