

# TECHNICAL DATA SHEET

## VAKU 75

### Carbon fibre filler

#### Product Description

2K polyester fibreglass filler reinforced with extremely resistant carbon fibres that provide excellent stability while being easy to sand. Offers a unique combination of strength and flexibility suitable for bridging cracks, small holes and perforations caused by corrosion.

Includes 1x red VAKU BPO HARDENER, 40G (892.600004).

#### Areas of Application

Excellent adhesion on iron, steel, aluminum, galvanized and hot-dipped galvanized surfaces, SMC/GFRP, and most woods. Ideal for use in vehicle refinishing and construction where durability and strength are required

#### Directions

Apply product in conditions  $>10^{\circ}\text{C}$  and up to 80% relative air humidity. Ensure adequate air ventilation.

The surface must be clean, dry and free of grease and rust. Lightly sand surfaces. Remove old thermoplastic coats (nitrocellulose or 1K-acrylic paints), synthetic resins as well as acid containing products (e.g. wash primer). Remove any rust to bare metal and dry sand with sanding paper P 80/150.

Stir the filler and knead the hardener before using. Mix the filler material with hardener at a 2% w/w ratio, until uniform. Do not use more than 3% of hardener. This product has a working time of 4-5 min ( $20^{\circ}\text{C}$ ). Apply with a spatula in thin layers (2-3 mm at a time). Filler should only be dry sanded.

When filling non-ferrous metal surfaces (aluminum, galvanized surfaces), a compatible epoxy primer can be applied first to achieve optimum adhesion and to improve corrosion protection.

For the best finish, apply a thin layer of fine putty on top such as VAKU 20 or 30.

Isolate the surface prior to top coating.



Black



**Mixing Ratio:** 2% hardener  
**Application time:** 4-5 min @  $20^{\circ}\text{C}$  ( $68^{\circ}\text{F}$ )  
**Curing time:** 25-35 min at  $20^{\circ}\text{C}$  ( $68^{\circ}\text{F}$ )  
**Sanding as required:** 80 - 280 grit

Description	Contents	Art. No.
VAKU 75, Carbon Fibre Filler	1 kg	892.607501
VAKU BPO Hardener	40 g	892.600004

#### Key Features

##### Reinforced with carbon and glass fibres for extra strength

- Added stability - resists cracking and deformation
- Provides a strong, hard surface that can withstand stress. Ideal for areas exposed to vibration or mechanical impact
- High hardness combined with high elasticity

##### Excellent adhesion and stability

- Highly suitable for use on vertical surfaces
- Superb adhesion

##### Bag format

- Easy use
- Protection from drying out, less waste

## Technical Details

<b>Format</b>	1L Bag
<b>Chemical type</b>	Filler
<b>Chemical basis</b>	2K polyester resin
<b>Fibre composition</b>	Carbon and glass
<b>Fibre length</b>	Short - medium
<b>Colour</b>	Black
<b>Hardener content</b>	2%
<b>Density (20C)</b>	1.645 g/cm <sup>3</sup>
<b>Min. working time at 20 °C</b>	4 min
<b>Max. working time at 20 °C</b>	5 min
<b>Min. drying time at 20 °C</b>	25 min
<b>Max. drying time at 20 °C</b>	35 min
<b>Max. temperature resistance of the hardened material</b>	80 °C
<b>Smell/odor</b>	Strong, characteristic
<b>Shelf life from production</b>	12 months

## Drying time

<b>Object temperature</b>	<b>Sandable</b>
<b>20 °C</b>	25 min
<b>60 °C</b>	10 min
<b>Infrared Drying (Distance approx. 80 cm and max 80 °C)</b>	4-5 min

## Cautions

Mixing ratio must be measured precisely, under or over dosage may cause spotting in the finishing paint layer. Will not harden below 10 °C (50 °F). Cool storage extends shelf life. Not for use on oily woods. Product should only be dry sanded.

## Disclosure Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that Wurth Canada believes are reliable, however the accuracy or completeness of such information is not guaranteed.

Many factors beyond Wurth Canada's control, and uniquely within the user's knowledge and control, can affect the use and performance of a Wurth Canada product in a particular application. Given the variety of factors that can affect the use and performance of a Wurth Canada product, the user is solely responsible for evaluating the Wurth Canada product and determining whether it is fit for a particular purpose and suitable for the user's method of application. For additional details, please see Wurth Canada's complete Terms & Conditions by visiting [www.wurth.ca](http://www.wurth.ca).