

# Horex Industrial filler

UPVC/plastic window frames and HPL surfaces



## Horex Industrieel vulmiddel

Industrial filler in stick for repairing damage to UPVC/plastic window frames and HPL surfaces



**Use:** For damage repairs of both small scratches and larger damage to UPVC/plastic window frames and HPL surfaces

### Characteristics:

It is characterised by high mechanical and thermal resistance.

Very good adhesion to surfaces.

Excellent colour absorption.

Environmentally friendly, non-toxic.

For indoor and outdoor use.

Melting point around 150°C.

First make product viscous with a professional hairdryer, then further melt with Accumulator-battery heater rechargeable, a Gas Heating Iron or Electric Heating Iron to apply in damage.



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UPCV/plastic window frames and HPL surfaces



## Preparation:

To remove dirt from a plastic/UPV window frame or HPL surface, use a Foamy cleaning cloth and water only (**do not** allow water to get into the damage, otherwise the filler will not adhere). For stubborn dirt, you can use the wet (water) Foamy cleaning cloth with Special Cleaner for UPVC surfaces (Kö 325100).

- Remove raised and loose parts using a Dremel, MINI Lacquer Scraper or paint scraper. Also make notches at the edges of the damage so that the filler adheres better.

- Slide the button on the Accumulator-battery heater forwards (to position 1) and then press it down. If you hold the button down, the angled base will heat up. The device is heating up when the red light is on and the light at the tip is on. Please note: the melting head becomes hot. Once the button is released, the light goes out and the angled base cools down.

For the Gas Heating Iron, turn the temperature control to maximum (at the bottom of the gas melter). Keep the tip away from your face and body. Set the on/off switch to 'ON' (slide towards the tip – the gas valve opens). Use the flint lighter (in the red cap) to ignite the escaping gas. It will burn for a few seconds – until the catalyst begins to glow. Please note: if the flame does not go out within 30 seconds, the catalyst mesh is used up and the tip must be replaced with a new one.

For the Electric Heating Iron, switch the ON/OFF switch to ON and set the temperature control above Kerami-Fill in the red zone. Please note: the melting head becomes hot.

- Degrease the area using a damp Cotton Cloth soaked in Liquid sandpaper (Kö 711); rub gently over the damaged area and wait until the Liquid Sandpaper has evaporated.

## Filling

- The surface to be repaired must be heated to approximately body temperature using a professional hairdryer (if you do not do this, the filler will have no adhesion)

- Heat the Horex filler with the professional hairdryer to 190°C until it becomes viscous. As the Horex heats up, it changes from a matt to a glossy finish

- Liquidise the Horex filler using the Accumulator-battery heater, Gas Heating Iron or Electric Heating Iron and apply it to the damage. Keep it as flat as possible.

- Cool the filler by placing a Special Scraper on top and pressing down for 30 seconds. Repeat this until it feels cooler.

- Note: the filler should no longer be sticky. Remove the excess filler with the Mini Lacquer Scraper (start carefully on top otherwise you risk loosening the filler. The Mini Lacquer Scraper should be worked with little pressure. Your index finger sitting on top should not turn red, your index and middle fingers hold the side of the cork). Clean the steel of the Mini Lacquer Scraper with the Brass Brush in between. With a Magnifying Glass, check whether the surface is smooth. You can't always feel this with your fingertips, the damage is now 80% to 90% invisible.

## Finish:

- Sanding with 'dry' P320 sandpaper wrapped around a Felt pad without abrasive lining or a Softpad 180=P320, followed by sanding with 'dry' P500 sandpaper wrapped around a Felt pad without abrasive lining or a Softpad 220=P500. The result should be a smooth, matt finish on the surface.

If necessary, use a Lacquer Scraper to gently bring out the wood grain, or press coarse sandpaper into the filler to restore the speckled pattern, or use a spray can Dimple Effect Lacquer, Fine Pearle Texture 810916 (Kö 348).

## Sealing/coating:

- Lightly degrease the surrounding area using a Cotton Cloth and a small amount of Liquid Sandpaper (do not apply the correction solvent over the filler material).

- To restore the surface to the correct colour, first spray Adhesion Primer (Kö 313700) onto the repaired area, spraying from a distance of approximately 30–40 cm.

- Allow the Adhesion Primer to evaporate and dry (approx. 10 mins, depending on temperature and humidity).

- To protect the damaged area from dust/dirt and to match the colour, apply the Covering acrylic lacquer with multifunctional nozzle (SP625) spray can, König PF Covering Lacquer or Special Lacquer UPVC Window frames Series 6 using a misting spray. First, shake the Covering acrylic lacquer with multifunctional nozzle (SP625) spray can, König PF Covering Lacquer or Special Lacquer UPVC Window frames Series 6 (the ball bearings must be audible) and set the multifunctional nozzle on the Covering acrylic lacquer (SP625) spray can to the correct position (use this nozzle for surface damage). The setting depends on the desired spray pattern. First, test spray onto a newspaper or cardboard. Only then spray onto the surface.

Allow the lacquer to dry. Spray distance 30–40 cm. Between coats, blow-dry or allow to dry for 10 minutes, depending on the ambient temperature.

- To adjust the gloss level, we use a BE500 3D-Effect clear acrylic spray, a seamless, transparent lacquer in the correct gloss level; this is also applied using a misting spray (spray distance: approx. 30–40 cm). Allow the lacquer to dry and repeat if necessary.