

Holex Industrial filler

powder-coated aluminium and aluminium surfaces



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Industrial filler in stick for repairing damage
to powder-coated aluminium and aluminium
surfaces



Use: For damage repairs of both small scratches and larger damage to powder-coated aluminium and aluminium 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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Preparation:

To remove dirt from the aluminium profile, apply ALU-Clean cleaning agent to a Linteum GX 804- BLUE STAR cloth and rub the profile with it.

- Remove raised and loose parts with a dremel and/or the Mini Lacquer Scraper. Also notch 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.

- Apply ALU-Intense cleaner to the Linteum GX 801-White Max cloth and lightly degrease the surface.



Filling:

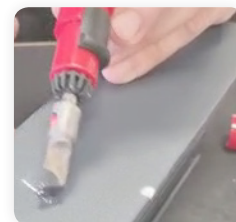
- The surface to be repaired should be heated, approximately hand warm, with a professional hairdryer (if you do not do this then the filler will have no adhesion).

- Heat the Horex filler with the professional hairdryer 190°C so that it becomes viscous.

- Liquidise Horex filler with the Accumulator-battery heater, Gas Heating Iron or Electric Heating Iron and apply into the damage. Keep this as flat as possible.

- Cool the filler by placing a Special Scraper on it and press for 30 seconds. Keep repeating 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 sandpaper 'dry' P 320 wrapped around a Sanding Cork with Felt Pad or Softpad 180 and subsequent sanding sandpaper 'dry' P 500 wrapped around a Sanding Cork with Felt Pad or Softpad 220. Eventually one should have an even matt appearance on the surface.



Sealing/coating:

- Carefully clean with ALU-Intense cleaning agent on Linteum GX 801 - White Max cloth.

- To restore the surface to the correct colour, first spray misting Primer (Ko 313700) onto the repaired area, spray misting at a distance of about 30-40 cm.

- Allow the primer to evaporate and dry.

- Next, apply the Effect Lacquer (Ko 348) while misting and from a distance of 30-40 cm. and let it evaporate/dry and repeat this again.

- When the Effect Lacquer is dry to the touch, very carefully remove the spray mist with the Linteum GX 801-White Max.

- First shake the spray can Covering Lacquer (SP627) sufficiently and set the multi-purpose nozzle to the correct position (use this nozzle for surface damage, for edge damage use the nozzle of the 3D Effect Paint). The position depends on how the spray pattern should be. Allow lacquer to dry. Spray distance 30 - 40 cm.

- To adjust the gloss level, use a spray can BE500 3D-Effect Acrylic lacquer, transparent lacquer in the correct gloss level, this is again applied by spraying. Allow lacquer to dry and repeat if necessary.

