

## Cleaning recommendations for BALITHERM® PRIMEFORM-treated high-gloss polished surfaces

BALITHERM® PRIMEFORM is the ideal way to ensure very good polishing characteristics for high-gloss polished areas. PF-treated high-gloss polished surfaces have a very high surface density with reduced carbide fracturing and pore formation, less orange peel effect, improved surface gloss, and very high surface hardness and scratch resistance. Plus, it is easier and quicker to achieve a high-gloss polish with very high surface quality, saving time and polishing costs.

### Recommended cleaning procedure

#### **Caution!**

If there are heavy plastic deposits on the surface, the tool/component must never cool down completely in order to avoid baking them on. If it does, the melt will stick to the surfaces and will no longer be removeable, and this will damage the coating.

#### **Cleaning when warm**

- Clean with a conventional oven cleaner
- Clean with  $\leq 3\mu\text{m}$  diamond paste
- Clean with isopropanol / acetone

#### **Cleaning when cold**

- Blast with dry ice ( $\text{CO}_2$ )
- Clean with  $\leq 3\mu\text{m}$  diamond paste
- Ultrasonic cleaning with an alkaline cleaning agent at max.  $60^\circ\text{C}$

#### **Do not use**

- Mechanical cleaning devices such as rotating brushes or similar
- Cleaning devices made out of steel or tools coated solely with brass
- Scouring agents
- Alumina or other abrasives for dry blasting
- Sandpaper with coarse grit  $< 1200$
- Acidic cleaning agents → leads to corrosion

Surfaces such as high-gloss polished and/or structured surfaces may require different types of cleaning. Please contact your Oerlikon Balzers representative if you have any questions. Any liability is excluded.