Sustainable finishing





Balancing economics and the environment

KURZ 🖫

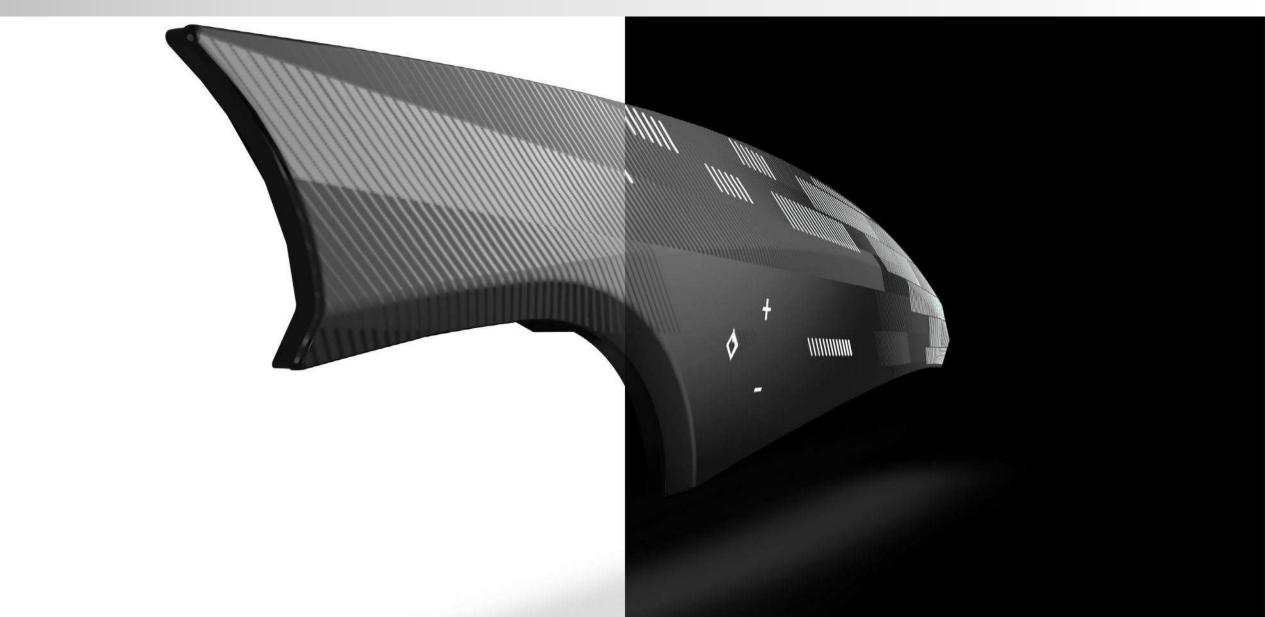
Anyone who takes sustainability seriously must take the entire value added chain into account – from manufacture to processing, right through to the end product and its disposal.

For each of these four areas, KURZ provides services which are unique within the sector.



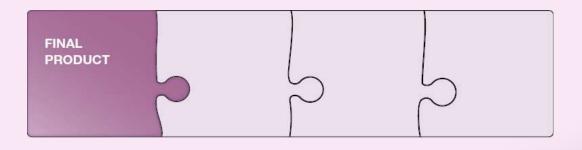


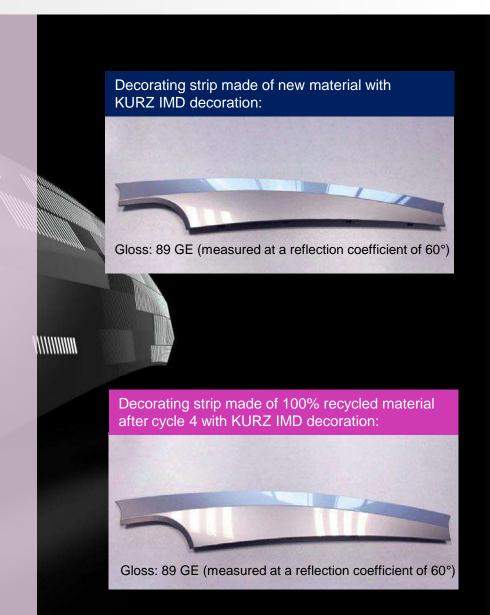




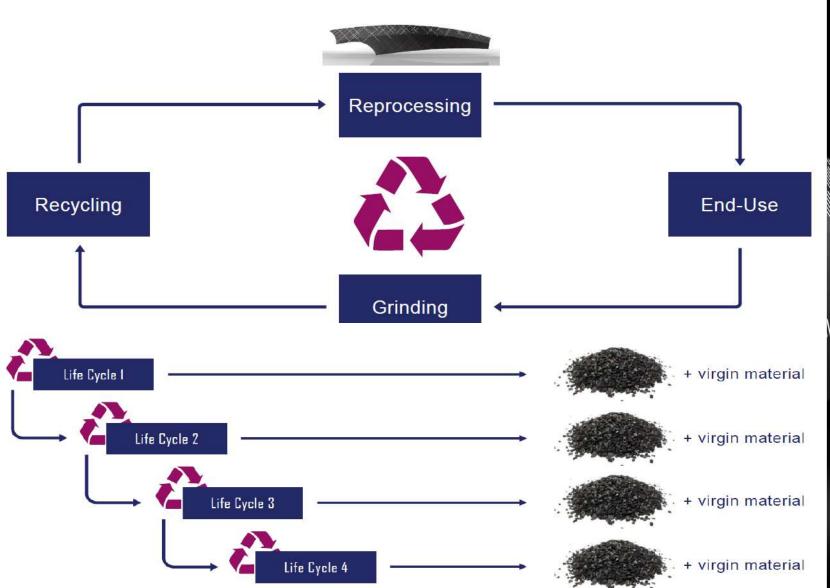


- 1. Decoration with a KURZ product involves transfer of only ultra-thin layers of metal or lacquer which do not affect recycling of the decorated end-product or component.
- 2. This maintains the recyclability of the plastic parts, regardless of decoration process. We have verified this in wide-ranging scientific tests.
- 3. No harmful processes or hazardous materials worldwide













Comparison of alternative process options for the application of 1m² of an enhanced surface. This lead us to the following assessment:

Using a hot stamping foil instead of classic enhancement processes for surface decoration improves your CO₂ balance by approx.:

Metallised surfaces designs	~50%
Chrome plated surfaces	~95%
Pigmented surface design	~80%

Plastic surfaces enhanced with IMD ~70%

The spray painting process was examined in large-scale studies from institutions like

Landesamt für Umwelt in Bayern

Fraunhofer Insitut für Produktionstechnik und Automatisierung (IPA)

Landesamt für Umwelt Baden-Württemberg





The application process

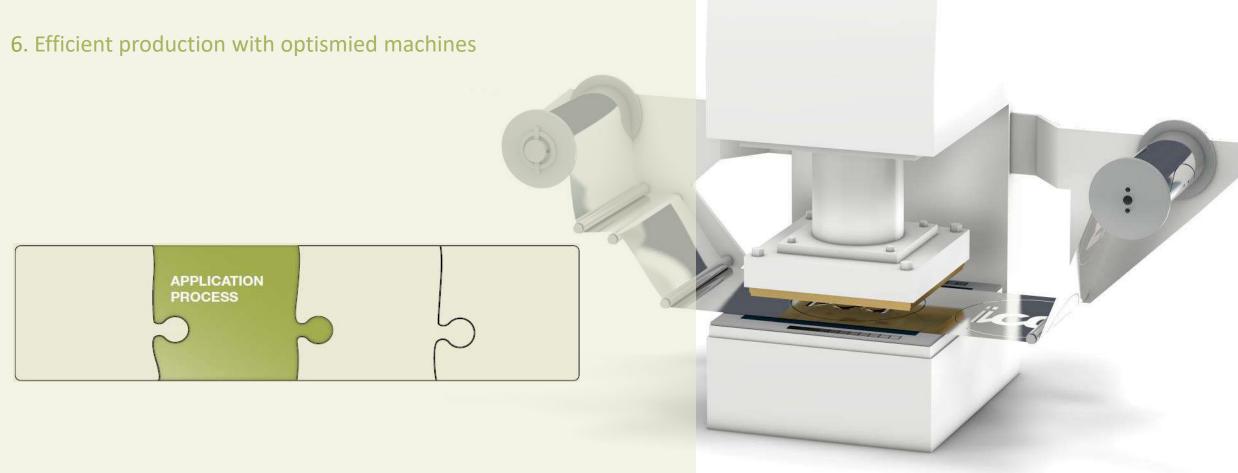




The application process



- 4. Dry process, no liquid coating involved
- 5. Emission-free process



The manufacturing process





The manufacturing process





Waste disposal





Waste disposal





Waste disposal











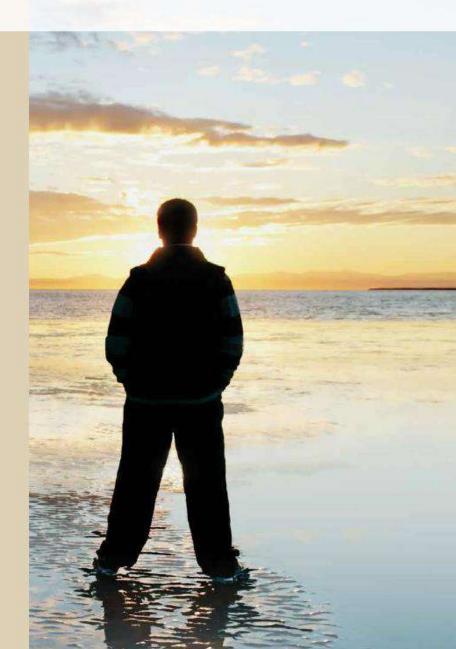
Facts + outlook



Transparent environmental commitment

KURZ takes its environmental responsibility very seriously, which is why we voluntarily contribute more to environmental protection than is required by law.

- Our environmental management system has been certified under ISO 14001, our energy management system under ISO 50001, and our occupational safety management system under OHSAS 18001.
- Best practise for CO2 emissions
- Model energy efficiency
- Clean production
- Short transportation routes



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