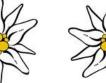
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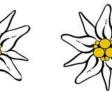














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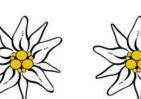


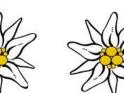






















## **Range of Services**

Design \* Construction \* Patternmaking Digitizing \* Re-engineering \* FEA \* Mock-ups Prototype Moulds \* Prototype Parts

### CNC or Cast Aluminium (Kelch/Fast-Cast<sup>™</sup>) Fabricated Aluminium Sheet moulds Galvano and Sheetmetal rotational moulds

Permanent Coatings \* Mould Accessories Automation \* Performance Solutions Modifications \* Repairs \* Refurbishments



### WHY use permanent mould coatings ?

release of mouldings, consistancy of mouldings, quality of mouldings, control of shrinkage, repeatability in production, cutting labour hours, reduced mould maintenance, increased output of products, reduced scrap rates, protection of mould surface, cleanness of mouldings, control of production cost, health & safety reasons, and many more





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# **Permanent Mould Coatings**

... can be applied to all metallic moulding surfaces, flanges and even to moulds exterior

... will increase the reproducibility of rotational moulded parts

... can boost appearance of parts, improve heat conductivity, protect textures and tool, etc.



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Highest Mould Quality

Innovative Solutions

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# **Edelweiss Coating on Flanges**



- developed especially for parting lines
- combining wearing properties with strong release
- reducing cleaning time for flanges
- cuts maintenance work and down-time



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Edelweiss Coating on Flanges



 Pure & bright white colour immediately grabs the attention of operators

- Contaminations are easy to spot
- Smooth and hard surface, like glass, easy to clean



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### Edelweiss Coating on mould surfaces



- Pure & bright white colour immediately grabs the attention of operators
- Contaminations on mould surface are easy to spot
- Glass hard surface, scratching unlikely



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### Edelweiss Coating on mould surfaces

- Strong and steady release properties
- Glossy finish
- Foodproof coating
- Glass hard surface, scratching unlikely
- Easy too clean after colour changes



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Highest Mould Quality

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#### **Technical features Edelweiss Coating**

- Extraordinary Hardness and abrasion resistance
- After curing temperature resistant up to 700°C
- Glass-like, non stick surface
- Foodproof, no fluorchemicals, no PTFE
- Coating can be easily removed by sandblasting
- Partial repairs are possible (blasting/painting/curing)



#### **Technical features Edelweiss Coating**

- Good for application on all mould parting lines
- When applied to moulding surfaces:
  - Good for PE, X-PE, PP or PA Materials
  - Good for Medical, Food or Light Applications
  - Reduction of Pinhole effects in products
  - Glossy finish on moulded products
  - (under development, recipe for MATT finish)



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