

# OXLYON 7088 CT

## Wear-resistant ceramic coating for low temperature and altitude

Internal reference: BD7088 - Series: OXLYON

### Product summary

High-performance polymer ceramic coating for the repair of eroded equipment and the preparation of wear-resistant protective layers. It can be applied and cured at low temperature and is suitable for alpine regions.

### Typical applications

- Slurry pumps
- High-altitude equipment
- Pipelines and ducts
- Equipment exposed to erosion and cavitation
- Cold-environment applications

### Key benefits

- High adhesion to metal
- VOC-free
- No shrinkage
- Low-temperature curing
- Easy operation
- Suitable for high altitude

### Main technical data

Property	Value
State / method	Grey paste / Trowel
Density	2.1 +/- 0.1 g/cm <sup>3</sup>
Solids content	>= 99.8%
Compressive strength	>= 91 MPa
Tensile shear strength	>= 14 MPa
Hardness	>= 86 Shore D
Service temperature	-60C to 120C
Mix ratio	A:B = 2:1
Working time at 25C	< 15 min

Property	Value
Working time at 17C	< 25 min
Working time at 7C	< 60 min
Cure at 25C	1 hour
Cure at 17C	2 hours
Cure at 7C	4 hours
Thickness per coat	2 to 15 mm
Packaging	10 kg/set

### Recommended procedure

1. Prepare the surface until the substrate is fresh, clean, dry and rough.
2. Mix components A and B uniformly in a 2:1 ratio.
3. Apply and fully compact the material; use multiple layers when the required thickness exceeds 15 mm.
4. Cure according to the time indicated for the ambient temperature.

### Application notes

Cure time increases as temperature decreases. Heating or post-curing at 60 to 80C may be used to accelerate the process.

### Safety and storage

Use gloves, protective eyewear and adequate ventilation. Avoid contact with eyes and skin. Store in a cool, ventilated and dry place; keep away from children, ignition sources and hazardous objects.