

# DURESTER CC

## General information

DURESTER CC is an unsaturated polyester-based, wax free, thixotropic coating especially designed for mould makers. It gives hard and glossy surface on composite and gel coat substrates. Due to the stability reasons, the product is supplied as non-accelerated. 9% Durester ACC is added before use.

DURESTER CC has an excellent curing performance at room temperature. Just within 16 – 18 hours it cures forming a hard and glossy surface that is very easy to further finish with water-sanding and polishing.

## Key properties

- ✓ non-porous
- ✓ mar resistant
- ✓ fast room temperature curing
- ✓ excellent styrene resistance
- ✓ excellent exothermic heat resistance

## General properties (23°C)

Viscosity (DIN cup 4)	30 s
Barcol –hardness <sup>1)</sup>	45 -50
Curing (1,5% MEKP):	
gel time	60 min
tack free	180 min
ready to polish	16 – 18 h
<small><sup>1)</sup> 48h, 23°C / 24h, 23°C + 24h, 50°C</small>	

## Applications

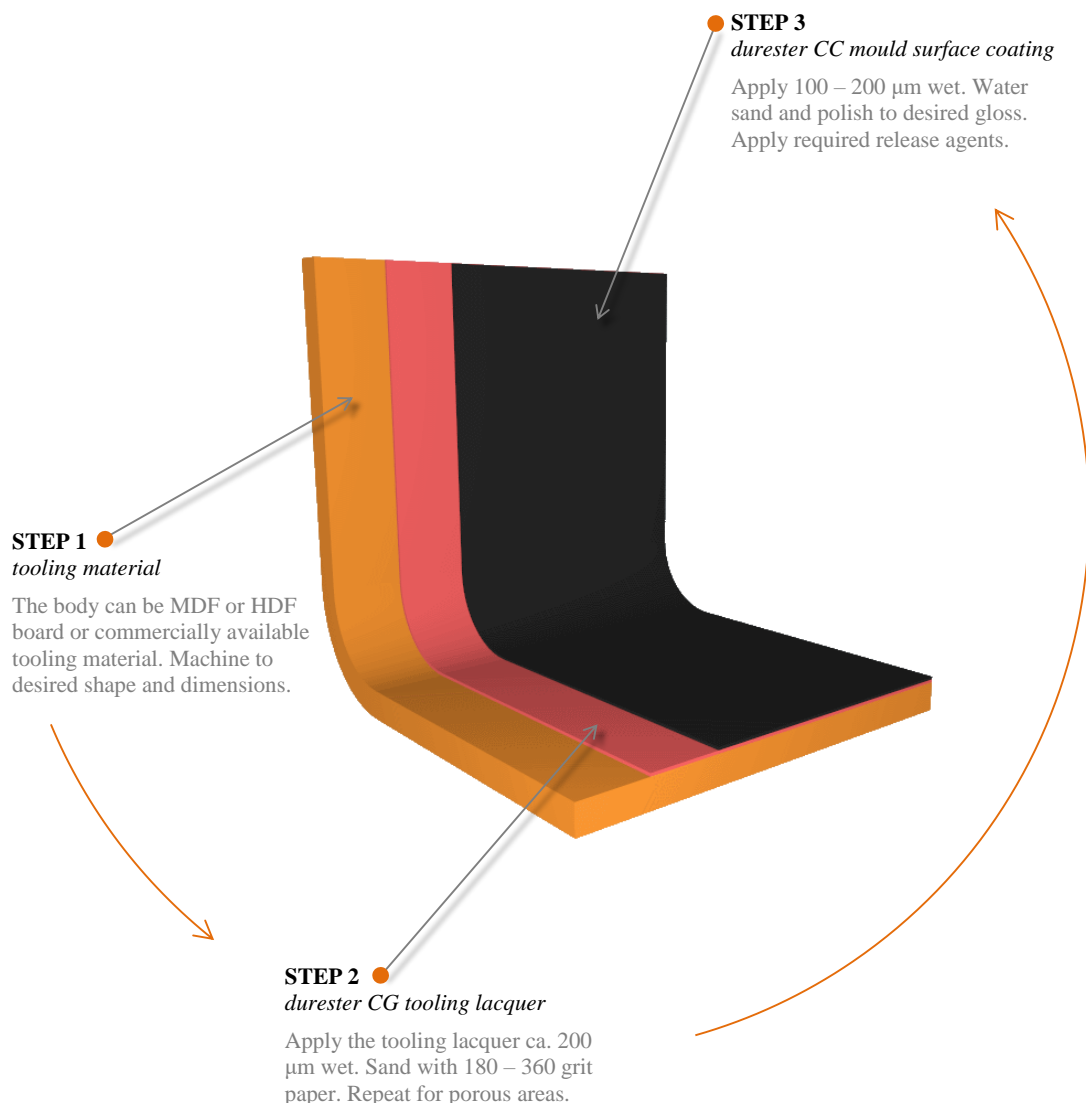
- ✓ producing inexpensive, high-quality moulds (direct tooling)
- ✓ re-surfacing an old mould

## Usage

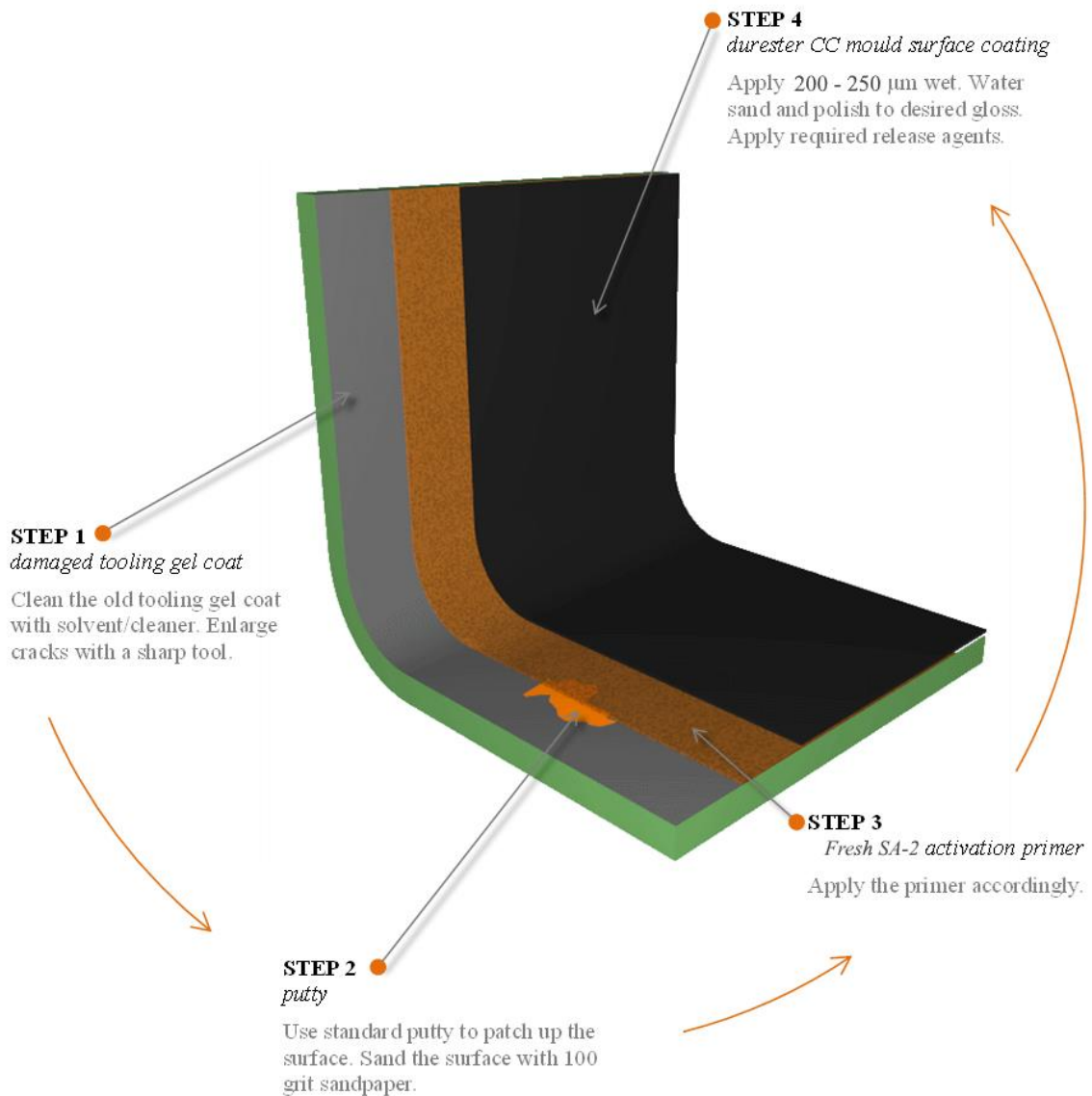
### Working conditions

- ✓ all surfaces must be dry
- ✓ the temperature of the ambient air, the substrate and the product should be between 18 – 22°C during application and curing
- ✓ relative humidity should not exceed 80 %
- ✓ prior to application dust, oil or dirt is removed by appropriate means

1. producing inexpensive, high-quality moulds



2. re-surfacing an old mould



Processing equipment and parameters

- ✓ conventional gravity feed spray gun
- ✓ nozzle size: 1,4 mm
- ✓ air pressure: 2,4 bar
- ✓ spray 4 layers perpendicular to each other (wet-to-wet) to reach total wet film thickness of 200 – 250 µm
- ✓ clean tools with acetone or equivalent



## Packaging information

10 and 20 kg metal pail

## Storage & Handling

Store indoors in a cool and dry place avoiding direct sunlight in the original tightly closed pails and drums. Under these conditions the storage life is at least 12 months. Mix well before use. The product contains flammable and volatile solvents. Do not breathe vapor. Keep away from sources of ignition, no smoking. Detailed safety information is contained in a material data safety sheet.