CemeCon Scandinavia A/S, Lokesvej 5, DK 8230 Aabyhoej

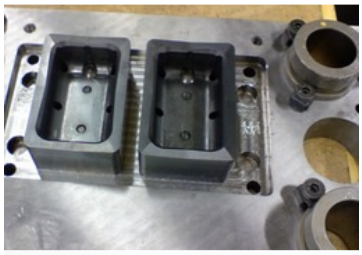
CCMold – High performance solutions for the plastics industry

Injection moulding, vacuum forming, blow moulding, processing of plastic film, pultrusion.

The coatings from CemeCon Scandinavia A/S are at the cutting edge of engineering, and together with the right tool material, optimal surface finish and reliable tool solutions, they contribute to a reduction of costs. Tools coated, re-coated and repaired using the **CCMold** technology retain their qualities longer. The benefits are reduced costs along with products of a higher and more consistent quality. The right coating can optimize manufacturing and prevent destructive wear, cold welding-, adhesion- and galling problems. The highly-trained technicians at CemeCon Scandinavia, with their expert knowledge regarding the use of our coating technology, are always at your service.

CrN is a silver-grey low temperature coating, which can be applied at a temperature as low as 180°C.

CCMold CrN is used to protect soft as well as hardened tool materials (e.g. materials which are sensitive to temperature, aluminum- or cobber alloys). Enhances the resistances to galling, depositing and anti-sticking. Thick coatings are available (1-40µm).
CCMold CrN is characterized by most excellent non-adhesive qualities, a good toughness and a resistance to temperature which is just above average.

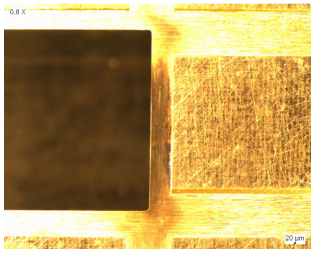


TINALOX® LT is a blue-black low temperature coating applied at 200°C.

CCMold TINALOX® LT is chosen where abrasive wear and galling are the most common types of wear. Also chosen for improved release for most types of rubber.
CCMold TINALOX® LT is characterized by a very high resistance to wear and a resistance to temperature which is well above average.

DLC is a black low temperature coating applied at less than 180°C.

CCMold DLC is a hard, dry lubricating coating. Enhances the resistances to adhesive wear and galling. For sliding and moving parts, which may not be lubricated using oil/grease (e.g. ejector pins, guide pillars).
CCMold DLC is characterized by a very low coefficient of friction, good, non-adhesive qualities, a high resistance to wear and a resistance to temperature which is below average.



CRO is a blue brown low temperature treatment done at less than 180°C.

CCMold CRO is a treatment which can prevent destructive corrosion in air vents and other areas which may be attacked by aggressive gasses developed during the injection moulding process (diesel effect).
CCMold CRO is characterized by not altering the dimensions of the tool part, an average coefficient of friction and a resistance to temperature, which is below average.

Choosing the **Topfinish** treatment will optimize the anti-sticking qualities of the surfaces.

Combined treatments / Duplex coatings: a phrase describing the combinations of available coatings and treatments. Through these combinations an extra synergy is achieved.