



Crystic Mouldguard is a tough temporary coating specially designed for protecting moulds and mouldings. Often, decommissioned moulds are stored outside where they are subjected to standing water, UV light, dirt and frost and can become damaged or scratched. Many hours are usually wasted repairing moulds, cleaning and polishing the gelcoat surface ready for re-use. Most moulders would agree that they rarely achieve the same quality of surface that they had before storage.

Features and Benefits :

- **Protects moulds and mouldings from damage, so eliminating the need for costly repairs.**
- **Significant time and cost savings are made in labour and materials as moulds can be back in production in a fraction of the time**
- **Easy to apply – simply add 2% MEKP catalyst and brush or spray a single coat onto a mould surface, which must have release agent.**
- **Can be used for new moulds – need sealing first and release agent applied. (*)**

*see separate data sheet and application guide.

- **Quick curing**
- **Easy to remove – simply peel and roll off the mouldguard from the surface it is protecting**
- **Prevents air, moisture, dirt, UV light and frost from attacking the mould surface.**
- **Weather resistant in warm or wet conditions for in excess of 12 months.**
- **Tougher than water-based coatings.**

MARKETS / APPLICATIONS

- **Marine**
- **Building**
- **Chemical Containment**
- **Land Transport**
- **Industrial**
- **Wind Energy**
- **Any FRP or Steel Surface needing protection**



Crystic® Mouldguard

Scott Bader has formulated Crystic Mouldguard to give moulders the solution they have been looking for to save significant time and money. It is available in both brush and spray variants and is very easy to use and remove.

A simple spray or brush coat cures quickly to give a weather resistant tight plastic film which can be peeled away easily revealing a perfectly clean surface, even after being outside for many months exposed to the elements.

It has been designed specifically for FRP and steel moulds or mouldings and has been formulated to withstand all harsh weather conditions. Use it with the knowledge that it comes with the proven quality guarantees associated with all Scott Bader products. Full details of how to use Crystic Mouldguard are given in the technical datasheet and application guide.



Application Guide

Crystic Mouldguard should be applied at a thickness of 0.5 - 0.6mm.

This means approximately 600-700g/m² of Crystic Mouldguard will give the required thickness when evenly applied.



Accurately measure 2% catalyst and add to Crystic Mouldguard



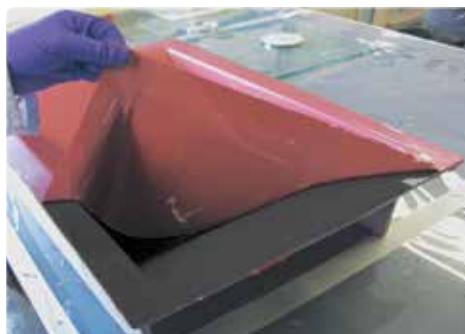
Thoroughly stir in the catalyst to ensure uniform catalysing of the mixture



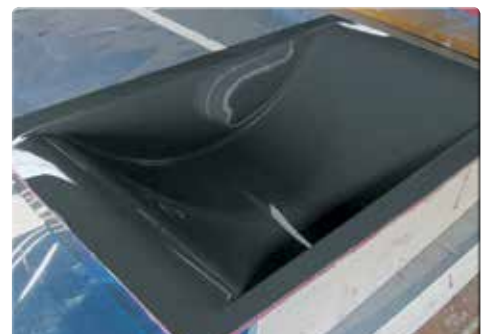
Brush (or spray) onto mould ensuring any trapped air is removed



Fully coat the mould ensuring no dewetting or voids. Flange areas should also be coated. Leave to cure before storage.



When the mould is required for further use, the surface should be cleared of any water or debris. The coating should be initially released from the complete perimeter of the mould edge and then simply peeled off using an even force.



The protected mould is now ready for further use. It is essential to check that the degree of release is acceptable prior to using the mould in production.

Long Term Storage

Moulds can be covered with Crystic Mouldguard and left outside for long periods of time. The mould shown below had been left outside for 6 months before Crystic Mouldguard was removed very easily revealing a mould surface in excellent condition.



TYPICAL PROPERTIES

Property	Unit	Liquid
Appearance		Pink Coloured
Viscosity @ 25 °C		thixotropic
Specific gravity @ 25 °C		1.12
Volatile Content	%	29
Stability in the dark @ 20 °C	months	3
Geltime (@ 25 °C using 2% Catalyst MButanox M50®)	minutes	15

Pack Sizes : Available in 25kg kegs and 225kg drums

Customer Endorsements

“We were pleased to see that the Mouldguard did exactly what is said on the tin. Mould halves took quite a battering from the elements over a 6-8 month period outside. Surprisingly the product stayed on the mould. The surfaces were like new upon removal. This wouldn't be the case if polythene were used which often results in scratches etc. We have tried a number of other temporary protection coatings and this one out performs them all.”

Shaun Davy - Princess Yachts International



“Crystic Mouldguard is an excellent product which has saved us a significant amount of time bringing stored moulds back into production, a typical mould of 4.5 m squared has saved us 2 hours in labour using Crystic Mouldguard. Also Crystic Mouldguard has protected the surface quality of the mould from general weathering when moulds are stored outside for long periods at a time. We are very happy with the product.”

Duncan James - Henleycraft

“The best thing about Crystic Mouldguard is that our moulds look as good after long term storage as they did before they went outside – normally they have dulled and no amount of polishing can get the original gloss back.”

Derek Palmer - Northshore Yachts

“Crystic Mouldguard is now approved to use on all our moulds for outside storage. This product will save us a lot of time and money and ensure our moulds look better for longer.”

Keith Siddle - Lamplas Polymer Engineering

“We are very impressed with Crystic Mouldguard and use it on all our stored garage door moulds.”

Peter Tickell - P.C. Hendersons

“We have found that Crystic Mouldguard protects our steel moulds from rust which is a major advantage for us.”

Karsten Volkmann - Meyer Rohr + Schacht GmbH



Scott Bader Group Companies

HEAD OFFICE

Scott Bader Company Limited

Wollaston
England
Tel: +44 1933 663100
Fax: +44 1933 666139
email: enquiries@scottbader.com

Scott Bader France

Amiens
France
Tel: +33 3 22 66 27 66
Fax: +33 3 22 66 27 80
email: info_distribution@scottbader.fr

Scott Bader Spain

Barcelona
Spain
Tel: +34 93 553 1162
Fax: +34 93 553 1163
email: diazs@scottbader.es

Scott Bader Germany

Weiden
Germany
Tel: +49 961 401 84474
Fax: +49 961 401 84476
email: composites@scottbader.de

Scott Bader Ireland

Dublin
Ireland
Tel: +353 1801 5656
Fax: +353 1801 5657
email: composites@scottbader.ie

Scott Bader Scandinavia AB

Falkenberg
Sweden
Tel: +46 346 10100
Fax: +46 346 59226
email: composites@scottbader.se

Scott Bader Eastern Europe

Liberec
Czech Republic
Tel: +420 485 111 253
Fax: +420 485 111 254
email: composites@scottbader.cz

Scott Bader Croatia

Zagreb
Croatia
Tel: +385 1 240 6440
Fax: +385 1 240 4573
email: info@scottbader.hr

Scott Bader USA

Stow, OH
USA
Tel: +1 330 920 4410
Fax: +1 330 920 4415
email: info@scottbaderinc.com

Scott Bader-ATC

Drummondville
Canada
Tel: +1 819 477 1752
Fax: +1 905 681 1535
email: sales@scottbader-atc.com

Scott Bader South Africa

Hammarsdale
South Africa
Tel: +27 31 736 8500
Fax: +27 31 736 8511
email: composites@scottbader.co.za

Scott Bader Middle East Limited

Dubai
United Arab Emirates
Tel: +971 481 50222
Fax: +971 488 35319
email: info@scottbader.ae

Abahsain Scott Bader LLC

Jebel Ali
United Arab Emirates
Tel: +971 481 50 222
email: info@scottbader.ae

Scott Bader Asia Pacific

Shanghai
China
Tel: +86 (21) 5298 7778
Fax: +86 (21) 5298 8889
email: info@scottbader.cn

Satyen Scott Bader Pvt. Ltd

Mumbai
India
Tel: +91 22 4220 1555
Fax: +91 22 2491 1262
email: info@satyenpolymers.com

NovaScott Especialidades Químicas Ltda

Civit II, Serra, ES 29165-973
Brazil
Tel: +55 27 3298-1100
email: info@novascott.com.br



www.scottbader.com

For more information on Scott Bader products, visit our website

All information correct at time of printing.



CRYSTIC MOULDGUARD 6/14 ISSUE 4

