



Schill+Seilacher

Technical Data Sheet

STRUKTOL[®] MC-B

Mould Cleaning Compound

Properties

Appearance		light coloured rubber compound
Odour		slightly aminic
Density	[kg/m ³]	1200

Storage stability		at least 12 months under normal storage conditions
Dimension		4x350 mm
Packing		22 kg hobbocks

Curing Conditions

Cure temperature	150 °C to 180 °C
Cure time	40 to 5 minutes
Normal conditions	160 °C, 20 minutes

The data given are typical values which are not intended for use in preparing specifications. For test methods refer to the corresponding supplement.



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 IBAN: DE07 2004 0000 0613 1254 00
 Bank: DZ Bank, Hamburg, BIC: GENO DE FF200
 IBAN: DE74 2006 0000 0000 1461 68
 Bank: Commerzbank AG, Hamburg, BIC DRES DE FF200
 IBAN: DE45 2008 0000 0275 0570 00
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Sitz der Gesellschaft:
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Recommendations for Application

STRUKTOL MC-B is a curable rubber compound for in situ cleaning of moulds.

STRUKTOL MC-B removes the deposits which build up during vulcanization of rubber compounds. Deposits from silicone or fluoroelastomer compounds may not be removed with the same efficiency as for, e.g., NR/SBR deposits.

STRUKTOL MC-B is used for mould cleaning by placing the compound in the mould as for a normal cure cycle. The cleaning takes place during the cure.

Cure conditions:

150 °C - 40 minutes	170 °C - 10 minutes
160 °C - 20 minutes	180 °C - 5 minutes

Mould removal is not necessary. STRUKTOL MC-B can be milled, extruded or otherwise processed with the usual manufacturing machines.

STRUKTOL MC-B works by releasing active materials into the mould fouling. The penetrated deposit combines with the cleaning compound and will be removed with it.

If starting with a very dirty mould it may be necessary to make more than one application of STRUKTOL MC-B to completely remove the deposits.

To obtain maximum cleaning effect it is essential that the mould be fully filled and adequate pressure is maintained throughout the cure.

If using STRUKTOL MC-B as a regular mould cleaning agent it is advisable to clean the mould more frequently to prevent the build up of difficult to remove deposits.

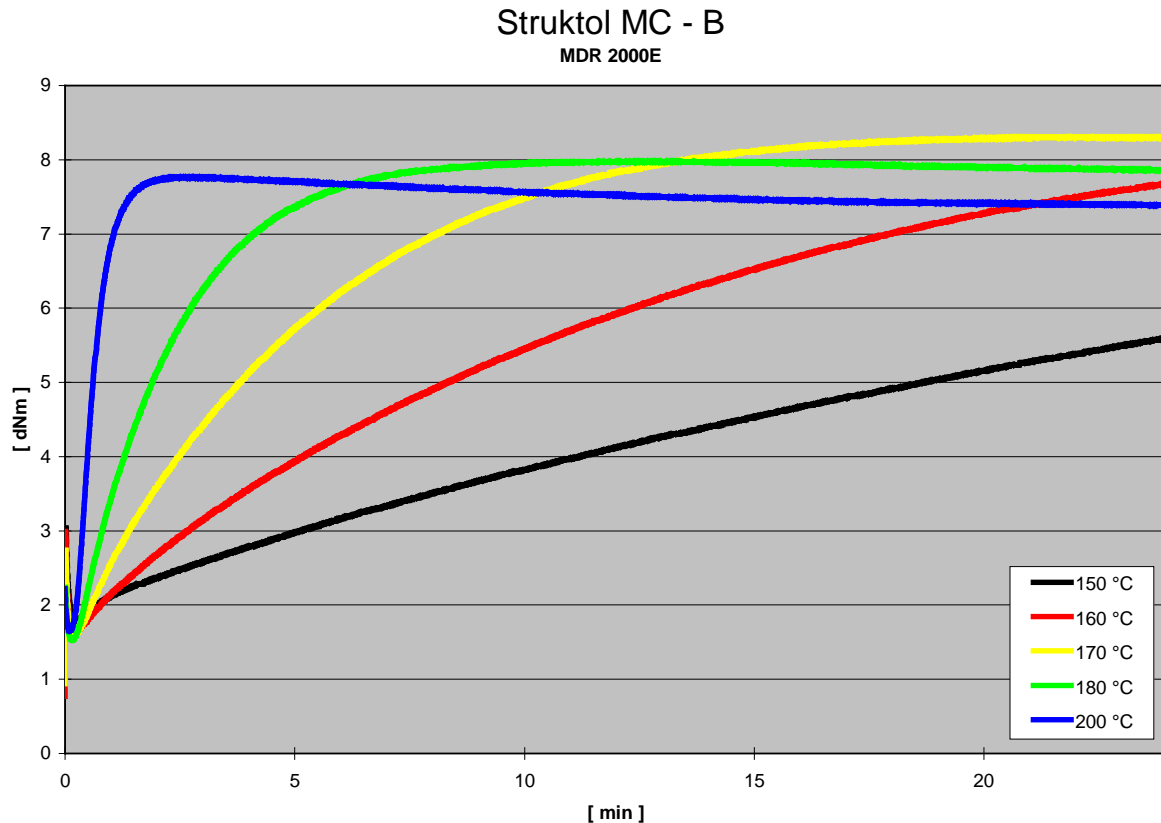
With STRUKTOL MC-B all commonly used steel alloys may be cleaned. We cannot recommend the use of STRUKTOL MC-B for non-ferrous metals. If you are uncertain in applying our material please contact our technical agents for advice.



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To optimize cleaning effect

The longer the curing time the more efficient is the cleaning effect. The following rheometer traces show the relationship between temperature and cure time. Optimum cure cycle is 10 minutes at 175 °C.



Safety instructions

STRUKTOL MC-B can be handled safely at room temperatures. Contact with eyes/skin must be avoided (see Safety Data Sheet).

The suggestions for application and usage of our products as well as possible proposed formulations are meant to advise only to the best of our knowledge. This information is without obligation and does not release customers from their own testings to ensure suitability for intended processes and use. Liability is only accepted in case of intention or gross negligence. Liability for any defects caused by minor negligence are not accepted. Each producer is responsible and liable to observe legislation and patent rights of third parties.

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