



proTico

magnetic

MAT
SHINY



DEMOLDING MAGNETIC SYSTEM FOR STEEL CASTINGS, MOULD AND FORMWORK (WITHOUT RELEASE AGENT)

GENERAL DESCRIPTION :

proTico magnetic is a reusable foil which is used as a substitute solution for release agents, with no input of pollutants to groundwater or emission to the air on the worksite. No chemicals needed. It is a polymer film that is complexed on a magnetic sheet and it can be easily and rapidly applied on every type of steel formworks and moulds (flat, circular, curved...). proTico magnetic not only provides an effective protection of formworks but also allows the regenerating of the formwork faces. Once applied, proTico magnetic can be used up to 30 revolutions (under optimum use conditions) or more, depending on the finish desired. This product is available in mat and shiny version (for a glossy finish of the concrete surface). The use of proTico magnetic provides a large reduction of air inclusion, which contributes to a significant improvement of concrete surfaces.

USER GUIDE :

proTico magnetic should always be applied on a dry, clean and dusted off support. Before implementation of proTico magnetic it is recommended to degrease and remove all concrete residues of the support with our oil- and milt remover proTico cleaner 3D. Applying the foil on one side from top to bottom, without overflowing the formwork. The foil holds by magnetization and sets in by itself on the support. If not in right position, you can reapply the foil. Proceed with the application of the next foils while ensuring that they are in an « edge to edge » position to the previous ones. To adjust the foil to the formworks use a cutter with a hook blade. To the mounting holes of the formworks, use a wireless drill with triple reamer. If soiled, the foil can be cleaned with water or with proTico cleaner 3D.

PROPERTIES OF THE MAGNETIC MATERIAL :

TYPE	VALUE	UNIT
Thickness of the lamination/complex	1,2	mm
Operating temperature range	from - 15 to + 60	°C

SECURITY :

Not concerned.

ENVIRONMENT :

Non-polluting for grounds or air.

RECYCLING :

Polypropylene, the glue does not contain PVC in its formula, recyclable through a standard recycling chain.



PACKAGING :

LAIZES STANDARDS	ML / BOBINE	POID / BOBINE		INFORMATIONS COMPLÉMENTAIRES
1250 mm	20 ml	≤ 63 kg	± 5%	<ul style="list-style-type: none"> • Mat or Shiny finish • White color • Rolls delivered on pallet • Digital cutting on request • Customized widths on order

RELATED PRODUCTS :

proTico cleaner 3D

Cleaner and Degreaser for the removal of milt, residual concrete and release agents. Ecofriendly and biodegradable product.

[Technical data sheet available on proTico.com](#)

SPECIAL PRECAUTIONS :

NB: For the shiny version, a more frequent replacement of the foils might be required. The finish mattifies after 3 rotations but the product lifetime will not be affected.

Contact with a very high magnetic field can locally alter the magnetism of proTico magnetic. We recommend the use of strong magnetic blocks with a protected release screw so as not to mark the proTico magnetic sheet.

STORAGE CONDITIONS :

proTico magnetic should be stored upright in the original packaging in a dry, protected, and closed area, avoiding light and strong temperature variations. Unless otherwise specified, the storage conditions should be between 40°F and 95°F. In these conditions the storage period is about 24 months.

REMARKS & SECURITY :

Our products are suitable for professional applications only. The information contained in this publication are based on the results of the tests carried out by our Research and Development Laboratories as well as on the testing performed on industrial scale and worksites. However, the performances of our products and their capacity to respond to special needs of our customers may change depending on the special conditions of use and the type of formworks. All recommendations are provided for information purposes only and cannot be taken as a guarantee of success. Therefore, we ask the user to make sure that each product meets its requirements and needs. Consequently, Pro T Co cannot be held for responsible for direct or indirect damage due to the use of our products. Improvements of our products can be performed without keeping you informed. All our sales are bound by our Terms and Conditions of Sales.

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THE INNOVATIVE AND CREATIVE FORMWORK SOLUTION

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