

PERMALEASE PERFORMANCE IS INFLUENCED BY MOULD SURFACE PREPARATION AND METHOD OF APPLICATION USED. SELECTION OF PERMALEASE TYPE MATCHING TO SPECIFIC MOULDING TEMPERATURE AND POLYMER SYSTEM IN USE CAN LEAD TO FURTHER OPTIMISATION AND INCREASED FILM DURABILITY.

STRUKTOL® PERMALEASE PRODUCTS

Product Name	Based on	Storage stability/month	Appearance/ Instant curing	Temperature demand (>)	Durability of release film	Sliding effect	Properties of release agent	Mould
Struktol® PERMALEASE 10*	hydro-carbons	36/24**	transparent solution	160 °C 180 °C 200 °C			easy to apply, good wetting, secure release, low sensitivity towards overspray	Suitable especially for complicated, textured or porous moulds.
Struktol® PERMALEASE 20*	hydro-carbons	36/24**	transparent solution	160 °C 180 °C 200 °C			good wetting, excellent sliding effect and release	Suitable especially for complicated, textured or porous moulds / good release properties e.g FKM & HNBR, moulds with undercut, reduced tear on demoulding.
Struktol® PERMALEASE 70	water	12	white emulsion	160 °C 180 °C 200 °C			excellent release and sliding effect	Suitable especially for complicated, textured or porous moulds / improved mould flow and filling with reduced tear on demoulding.
Struktol® PERMALEASE 90*	water	12/9**	white emulsion	150 °C 160 °C 180 °C 200 °C			simply spray and go, instant curing, durable long lasting film	Suitable for simple moulds with some degree of undercut, excellent release at lower temperature.
Struktol® PERMALEASE 100	water	12	white emulsion	160 °C 180 °C 200 °C			mould coating, protection, highly durable, long lasting film	Suitable as mould protection or for simple moulds with nearly no undercut or texture / mould coating long lasting film / protection against mould fouling for peroxide systems.
Struktol® PERMALEASE 120	water	12	white emulsion	160 °C 180 °C 200 °C			simply spray and go, instant curing, excellent release and sliding effect	Excellent slip and release effect for sticky polymers eg. ACM/AEM, FKM and HNBR and/or undercut moulds, good film durability over wide temperature range.
Struktol® PERMALEASE 200	water	12	white emulsion	150 °C 160 °C 180 °C 200 °C			simply spray and go, instant curing, durable long lasting film	Suitable as mould fouling protection / mould coating with highly durable film. Results in low shine on rubber surface.

* available in spray cans
or liquids packed in canisters

liquid
** spray

instant curing

Permalease products are suitable for all kinds of mould materials and all kinds of rubbers (except VMQ)

