

Products groups comparison

Shole release agents are highly effective in concreting, while ensuring clean separation of the form from the concrete and excellent surface quality of the concrete, meeting the highest ecological standards. The GISCODE assessment and the WGK water hazard parameter of selected products of the Develop range are at the best possible level today (2025).

Products	Group 1 Mineral oil basis, partly with solvents*	Group 2 Ester-oil release agent	Group 3 Mineral emulsions	Group 4 Ester-oil emulsions	Group 5 Mineral oil concentrates	Group 6 Ester-oil concentrates
Name of the product	Shole Develop Shole Develop Economy	Shole Develop BIO	Shole Develop EMU	Shole Develop EMU BIO	Shole Develop EMU Concentrate	Shole Develop BIO Concentrate
Carrier substance	Minerel oils and vegetable oils/ esters	Vegetable oils, ester oils	Oleje mineralne i oleje/estry olejowe	Water	Mineral oils and vegetable oils/ esters	Vegetable oils, ester oils
Chemically separating substance	Fatty acids, esters	Vegetable oils, esters	Fatty acids, esters	Vegetable oils, esters	Fatty acids, esters	Vegetable oils, esters
Additives for minimising pores and shring holes	✓	✓	✓	✓	✓	✓
Corrosion protection additives	✓	✓	✓	✓	✓	✓
Other additives	-	-	Emulsifying agents	Emulsifying agents	Emulsifying agents	Emulsifying agents
Contains solvents	Depending on the region* (winter seson)	✗	✗	✗	✗	✗
GISCODE (Classification made in accordance with the guidelines BG BAU - Berufsgenossenschaft der Bauwirtschaft)	BTM 10 (no solvents) BTM 30 (with solvents)	BTM 10	BTM 05	BTM 01	BTM 10 (concentrate) BTM 05 (dissolved emulsion)	BTM 10 (concentrate) BTM 01 (dissolved emulsion)
WGK - Wassergefahrdungsklasse	No slovents - 1 Containing solvents - 3	1	1	1	1	1
Physical action of the agent	✓	✓	✓	✓	✓	✓
Chemical action of the agent	✓	✓	✓	✓	✓	✓
Performance for non-absorbent formwork	Approx 60-80 m ² /l	Approx 60-80 m ² /l	Approx 60-80 m ² /l	Approx 60-80 m ² /l	Approx 180-240 m ² /l	Approx 180-240 m ² /l
Performance for absorbent formwork	Approx 30-40 m ² /l	Approx 30-40 m ² /l	Approx 30-40 m ² /l	Approx 30-40 m ² /l	Approx 90-120 m ² /l	Approx 90-120 m ² /l
Usage temperature	do -15 to 80 °C	do -10 to 80 °C	from -2 to 80 °C	from -2 to 80 °C	from -2 to 80 °C	from -2 to 80 °C
Storage temperature	from -20 to 80 °C	from -20 to 80 °C	from -2 to 80 °C	from -2 to 80 °C	from -15 to 80 °C	from -15 to 80 °C

Shole, with many years of experience and a global network of experts, is constantly developing and optimizing its Develop products, which include:

Mineral base oils

Vegetable oils/esters

Mineral-based water emulsions

Vegetable-based water emulsions

Mineral emulsion concentrates

Vegetable emulsion concentrates

Shole places great emphasis on sustainability. Although products containing solvents offer the highest quality concrete surface, they may be less environmentally friendly and require protective measures. That is why Shole also offers ecological, user-friendly alternatives.

Shole provides optimal solutions for different user needs while taking care of the environment.

