







## Product selection guide

Below list is guidelines with no consideration of specific design or production procedures – therefor ALWAYS conduct the technical staff from Granudan before final selection of specific release system.










### Suggested release combinations:

	MOLD SEALER	MOLD RELEASE
<b>System 1</b>	Sealer GP	WaterShield 
<b>System 2</b>	Sealer GP	Fiberglass Shield 
<b>System 3</b>	Sealer GP	Multi-Shield 
<b>System 4</b>	Sealer GP	Composite Shield 
<b>System 5</b>	Sealer GP	Flex-Z 1.0-6.0 



### Eco-friendly release systems – 100 % water based and solvent free:

	MOLD SEALER	MOLD RELEASE
<b>System 6</b>	SealProof 	WaterShield* 
<b>System 7</b>	Sealer BN201 	WaterShield* 
<b>System 8</b>	Sealmatte 	WaterShield* 
<b>System 9</b>	Sealer BN201 	Release BN302

\*WaterShield can be replaced with EnviroShield for all situations where exceptionally high slip releases are not required, and to prevent pre-release issues. However, with no use of gelcoat in epoxy productions we recommend WaterShield.

\*\*SilverShield 320 can be applied directly on top of either EnviroShield or WaterShield products (without any other preparation) to improve the mold surface tack level – especially important when working on complex geometry parts with low tack prepregs.

### Resin & tooling material combinations:

	Composite Epoxy	Composite Polyester	Plate Glass	Steel	Aluminum	Tooling Block	Polyurethane	Plaster	Eutectic Salt	Infusion Molding
Epoxy	1,2,3,7	1, 2, 3, 7	1, 2	1-3	1, 2, 3, 7	6	1, 3	6	6	1, 3, 7
Polyester Over 15 In ft / 4,5 meter	4, 5, 6	4, 5, 9	2, 5	4, 8	4, 5	6	1-4	1, 2	1, 2	1-4, 7-9
Polyester Under 15 In ft / 4,5 meter	2-5, 8, 9	2-5, 8, 9	2-5, 8	2-5, 8	2-5, 8, 9	6	1-4	6	6	1-4, 9
Rigid Polyurethane	1, 3	1, 3	1, 3	1, 3	1, 3			6	6	1, 2, 3
Soft Polyurethane	1, 3	1, 3	1, 3	1, 3	1, 3	6		6	6	1, 2, 3
Cultured Marble	5	5		5	5					1, 2
EPDM Rubber	1, 2	1, 2		1, 2	1, 2			6	6	1, 2

### Rating:

<b>Poor</b> ★	<b>Good</b> ★ ★ ★	<b>Excellent</b> ★ ★ ★ ★ ★
---------------	-------------------	----------------------------

	Infusion	Rotational molding	SCRIMP	Resin transfer RTM	Hand Layup	Spray Layup	Prepreg	Pour casting	Flag Wrapping	Filament Winding	Polymer Concrete	Tape laying	Compression molding	Reaction injection RIM	Squish molding
Water Base	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★	★★★★	★★★★	★★★	★★★★	★★★★	★★★★
Solvent Base	★★★★	★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★	★★★★