

Technical Data

Release Agents

Ref: TI 002

Eurotek's ever increasing range of ancillary products designed to enhance the range of binder systems includes a comprehensive range of Release Agents. The correct selection of a release agent can have significant impact on production and casting quality. The benefits result from the two main functions of a quality parting product: -

- ◆ Easy release of the mould or core from the pattern.
- ◆ Maintaining the integrity of the metal-mould interface

All of Eurotek's release agents are for application to the pattern surface and can be used on most materials including wood, metal and plastic. Choice of a particular parting can depend on process used, mould size, surface detail and numbers off. Our range allows you to choose the correct product for your application.

Striptek 35

This conventional water based silicone emulsion is ideal for use on all hot curing processes, Hot-box, Warm-box & Shell systems. Supplied as a 35% solution it can be diluted to give the concentration best suited to the individual foundries requirement.

It is formulated especially for spray application, both manual or on automated systems but can be brushed or flooded.

Striptek 50

A wax based release in a flammable solvent. Striptek 50 gives excellent definition on fine detail and intricate patterns. Ideally suited to wood and resin patterns it has found wide acceptance in the aluminium foundries where the excellent surface finish provides significant benefits. Suitable for all no-bake processes.

Trigel LD & HD

A specially formulated aluminium based release agent, which is becoming increasingly popular in all types of foundry. It is a relatively slow drying parting agent but maintains its release properties even when wet.

To cope with a wide range of applications it is offered in two grades: -

LD - Is a low viscosity paint ideal for large or small patterns giving good definition and no loss of detail. For use on all no-bake systems, can be applied by brushed or spray.

HD - This is a thixotropic paste like paint which can be brushed on larger tooling or heavy duty jobs. Its low solvent content makes Trigel HD ideal for the large moulds where excessive solvent emissions would adversely affect the working environment. It is also used extensively on continuous mixer blades and chambers reducing end of shift cleaning time. Not suitable for spraying.

Striptek 75

This is a green sand liquid release for use in all applications including automatic and high pressure moulding lines. It contains vegetable based release additives in a low odour high flash point solvent carrier to give an environmentally sensitive product. Striptek 75 can be used on most pattern materials with best results obtained by spray application.

Striptek Metal Cleaner

A special non-flammable solvent for cleaning most urethane cold-box tooling and equipment. It eases release and combats resin wipe or build up on core boxes, blowing heads, and sand chutes etc.

Packaging

Pack /Size	1 ltr	5 ltr	25 ltr	200 ltr
Striptek 5		X	X	
Striptek 35			X	X
Striptek 50	X	X		
Striptek 75			X	X
Trigel (LD)		X	X	
Trigel (HD)		X	X	
Metal Cleaner		X	X	

(X = available)

Aerosols

In lower volume gas cured core making applications aerosols can often give advantages in ease of application. Eurotek offers two such products available in packs of 12 x 500 ml cans: -

Silicone Spray - a conventional silicone release in a flammable solvent

Dry Lube - a graphite based product giving excellent slip. Also in a flammable solvent carrier.

SG-1018 S - a specially designed product giving high levels of slip on all cold setting systems. Ideal for use in all "cold-box" core production applications. Also in a flammable solvent carrier

Health & Safety

Individual Health & Safety sheets are available on all the above products. As with all chemicals all labels and data sheets should be read prior to use.