



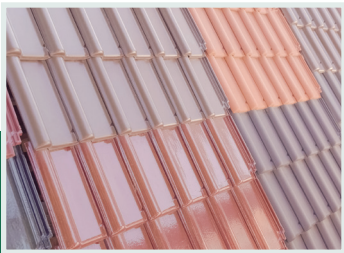
High-Performance Lubricants, Coolants, and Greases

PRO-RELEASE: Mould Release Agents

Rock Oil is a leading innovator in lubrication and industrial solutions, delivering high-performance mould release agents tailored to meet the diverse demands of modern manufacturing.

Our **PRO-RELEASE** range has been engineered to provide exceptional de-moulding performance, surface quality, and equipment protection, ensuring manufacturers achieve efficiency, reliability, and sustainability across various industries.

With solutions for concrete, brick, roof tiles, porcelain, and general-purpose moulding, **PRO-RELEASE** offers specialist formulations that help reduce downtime, extend mould lifespan, and improve product finish. Our range includes biodegradable and solvent-free options, supporting businesses in reducing their environmental impact while maintaining performance.



- **Concrete Mould Release Agents (CM Series):**
High-performance release oils for concrete and block manufacturing
- **Biodegradable Concrete Mould Release Agents (BIO CM Series):**
Eco-conscious solutions for concrete and block manufacturing with renewable bio-esters
- **Roof Tile Mould Release Agents (RT Series):**
Designed for roof tile production
- **Brick and Tile Mould Release Agents (BT Series):**
Developed for brick and tile manufacturing
- **Porcelain Mould Release Agents (P Series):**
Designed for fine ceramics and porcelain
- **General Purpose Release Agent (GP 30):**
A non-phenolic, nitrite-free emulsion for applications where solvent-based oils are unsuitable.

**For orders and
expert advice**

visit rockoil.co.uk
or contact
sales@rockoil.co.uk
[+44 \(0\) 1925 636191](tel:+44201925636191)

Explore the Rock Oil **PRO-RELEASE** series in detail and find the ideal solution for all mould release applications.

PRO-RELEASE CM Series:

Concrete & block manufacturing

Rock Oil's **PRO-RELEASE CM Series** is designed for concrete formwork and block manufacturing, ensuring clean, efficient de-moulding, extended mould lifespan, and a superior surface finish. Suitable for precast sections, blocks, slabs, and formwork, the CM Series minimises surface defects while providing exceptional release performance.

The **PRO-RELEASE CM Series** is specifically designed for concrete production, ensuring a consistent, high-quality release while protecting moulds from corrosion and wear.



Product	Density @ 15°C	Viscosity @ 40°C (cSt)	Flash Point (°C)	Appearance	Primary Applications
PRO-RELEASE CM 5	0.840	5.7	>90	Pale amber liquid	General-purpose concrete formwork, block manufacturing, metal moulds
PRO-RELEASE CM 10	0.847	10.7	80	Pale amber liquid	Steel & wood moulds, anti-corrosion properties, block production
PRO-RELEASE CM 15	0.860	15.0	>100	Pale amber liquid	Versatile use, minimises defects in blocks, slabs, and precast sections
PRO-RELEASE CM 22	0.865	22.0	180	Pale amber liquid	Solvent-free, high-performance for block and formwork applications, including steel, wood, polyurethane, ABS, and fibreglass moulds

PRO-RELEASE CM Series Features and Benefits

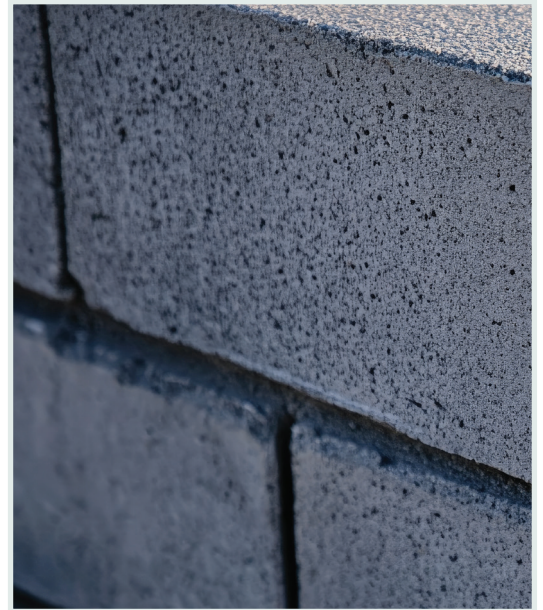
- Exceptional Release Performance – Reduces labour costs, prevents surface damage, and improves workflow efficiency.
- Superior Surface Finish – Minimises blow-holes, surface blemishes, and staining.
- High-Performance Formulation – Developed with solvent-refined base oils and specialist release agents to enhance application and durability.
- Operator Friendly – Low odour and solvent-free options available.
- Application-Specific Compatibility – Designed for use with various formwork materials, including steel, wood, polyurethane, ABS, and fibreglass (refer to individual product specifications).

PRO-RELEASE BIO CM Series:

Concrete & block manufacturing requiring biodegradable options

Rock Oil's **PRO-RELEASE BIO CM Series** offers a biodegradable, high-performance alternative for mould release applications related to concrete block and formwork manufacturing. Using renewably sourced bio-esters, this series ensures exceptional release while reducing environmental impact.

Formulated with renewably sourced bio-esters and natural fatty compounds, these release agents deliver superior performance without the use of harmful solvents.



Product	Density @ 15°C	Viscosity @ 40°C (cSt)	Flash Point (°C)	Biodegradability	Appearance	Primary Applications
PRO-RELEASE BIO CM 4	0.833	3.7	>70	High	Pale amber liquid	Concrete sections and blocks, particularly suited for heavier sections and larger moulds
PRO-RELEASE BIO CM 8	0.867	8.85	136	High	Pale amber liquid	All types of formwork and precast mould materials
PRO-RELEASE BIO CM 12	0.885	12.35	>70	High	Pale amber liquid	Plastic, metal, wood, and rubber moulds
PRO-RELEASE BIO CM 15	0.905	15.0	>100	90% (CEC-L-33-T-82)	Pale amber liquid	All types of formwork, protects timber formwork, and prevents corrosion on metal moulds

PRO-RELEASE BIO CM Series Features and Benefits

- Biodegradable Formulation – Environmentally responsible, reducing impact on ecosystems.
- Superior Release Performance – Prevents surface defects, blowholes, and staining
- High-Quality Finish – Ensures smooth and consistent concrete surfaces.
- Safe for Operators & Equipment – Low odour, non-toxic, and corrosion-resistant.
- Application-Specific Compatibility – Designed for a range of mould materials, including metal, wood, rubber, and plastic (refer to individual product specifications).

PRO-RELEASE RT SERIES:

Roof tile production

Rock Oil's **PRO-RELEASE RT Series** is specially formulated for roof tile manufacturing, providing superior release properties, reduced surface defects, and enhanced anti-corrosion protection for moulds.

Designed for both clay and concrete tile production, these release agents ensure a smooth, high-quality surface finish while extending the life of the moulds.

The **PRO-RELEASE RT Series** is engineered to improve efficiency and surface quality in roof tile production, offering high-performance solutions for clay and concrete tile moulding.



Product	Density @ 15°C	Viscosity @ 40°C (cSt)	Flash Point (°C)	Appearance	Primary Applications
PRO-RELEASE RT 2-5	0.815	2.5	75	Pale amber liquid	Designed primarily for steel and wood moulds in roof tile manufacturing
PRO-RELEASE RT 10	0.823	1.5	44	Pale amber white liquid	Developed for clay and concrete tile manufacturing, with anti-corrosion properties

PRO-RELEASE RT Series Features and Benefits

- Superior Release Performance – Ensures consistent de-moulding, reducing defects and rework.
- Enhanced Surface Finish – Prevents blowholes, blemishes, and staining for high-quality tiles.
- Optimised Application – Low viscosity allows fine spray application, ensuring even coverage.
- Protects Equipment – Prevents rust and corrosion on steel moulds (refer to individual product specifications).
- Cost-Effective & Efficient – Reduces downtime, minimises waste, and enhances productivity.

PRO-RELEASE BT SERIES:

Brick & tile production

Rock Oil's **PRO-RELEASE BT Series** is specially formulated for brick and tile manufacturing, ensuring efficient de-moulding, surface protection, and a superior finish.

Designed to work with steel and wooden formwork, this high-performance mould release agent prevents staining, blowholes, and surface irregularities, enhancing the quality and durability of finished products.

The **PRO-RELEASE BT Series** is designed to optimise efficiency and quality in brick and tile manufacturing, providing clean and precise mould releases.



Product	Density @ 15°C	Viscosity @ 40°C (cSt)	Flash Point (°C)	Appearance	Primary Applications
PRO-RELEASE BT 4	0.825	3.5	80	Pale amber liquid	Steel and wood moulds used in brick and tile manufacturing

PRO-RELEASE BT Series Features and Benefits

- **Reliable Release Performance** – Ensures clean, consistent de-moulding with minimal defects.
- **Enhanced Surface Finish** – Prevents blowholes, blemishes, and staining for high-quality bricks and tiles.
- **Corrosion & Rust Protection** – Extends the lifespan of metal moulds and supports.
- **Optimised Application** – Low viscosity allows fine spray application, ensuring even coverage.
- **Cost-Effective & Efficient** – Reduces downtime, cleaning time, and mould maintenance costs.

PRO-RELEASE P SERIES:

Ceramic and porcelain production

Rock Oil's **PRO-RELEASE P Series** is specially formulated for porcelain and pottery moulding, ensuring precise de-moulding, enhanced efficiency, and flawless surface finishes.

Designed to meet the high standards of fine ceramic manufacturing, these release agents are solvent-free, highly fluid, and leave no residue, maintaining the integrity of delicate moulds.

The **PRO-RELEASE P Series** is designed for precision moulding applications in the porcelain and pottery industry, ensuring seamless production and premium surface quality.



Product	Density @ 15°C	Viscosity @ 40°C (cSt)	Flash Point (°C)	Appearance	Primary Applications
PRO-RELEASE P 20	0.880	20.0	>180	Clear, pale amber liquid	Specifically developed for porcelain and pottery moulds

PRO-RELEASE P Series Features and Benefits

- Optimised for Fine Ceramics – Developed specifically for porcelain and pottery moulding applications.
- Clean, Residue-Free Release – Prevents gummy or tacky build-up, ensuring consistent results and high-quality surfaces.
- Solvent-Free, Operator Friendly – Low odour and solvent-free formulation.
- Highly Fluid & Easy to Apply – Works well in fine sprays, brushes, and rollers without clogging.
- Cost-Effective & Efficient – Reduces labour time and minimises mould damage.

PRO-RELEASE GP 30:

General purpose release agent

Rock Oil's **PRO-RELEASE GP 30** is a non-phenolic, nitrite-free emulsion designed for general-purpose mould release applications where solvent-based oils cannot be used.

Its high-quality formulation ensures reliable release performance while preventing bacterial growth and odour development, making it an excellent choice for various industrial applications.

PRO-RELEASE GP 30 offers a flexible, high-performance solution for various moulding applications, ensuring clean and easy release without staining or damage.



Product	Density @ 15°C	Viscosity @ 40°C (cSt)	Appearance	Mix Ratio (Water:Concentrate)	Primary Applications
PRO-RELEASE GP 30	0.992	31.0	Clear amber liquid	3:1 (General Use) 2:1 (Heavy Duty)	General-purpose mould release applications where solvent-based mould oils cannot be used

PRO-RELEASE GP 30 Features and Benefits

- Versatile Release Performance – Developed for general-purpose moulding applications.
- Safe & Operator Friendly – Non-phenolic, nitrite-free, and low odour.
- Water-Compatible Formula – Mixes easily with water for custom dilution ratios (3:1 for general use, 2:1 for heavy-duty use).
- Prevents Bacterial Growth – Reduces odour and enhances storage stability
- No Harsh Additives – Free from chlorinated or sulphurised extreme pressure additives.