

RP25 Data Sheet

New Treatment for Longer Rope Life and Higher Load Holding

RP25 is a new surface coating that very effectively protects the critical parts of any line from abrasion damage.

Independent testing has shown that coating in RP25 impregnates the rope cover and core giving significant gains in a working life and grip, without reducing flexibility of the rope.

RP25 treated line is particularly recommended for use with all Spinlock rope holding equipment for its effectiveness in optimising ultimate load holding performance.

Typical Chafe Points

RP25 has been successfully tested on several high profile campaigns during Summer 2004, including Open 60s Ecover and Skandia and the Farr 52, Bear Of Britain. A number of Vendee Globe Open 60 teams have treated critical lines at the areas where abrasion can occur, eg: mast sheaves, foot blocks, clutches, genoa cars, mast exits, lazy jacks, steering cables and furling lines.

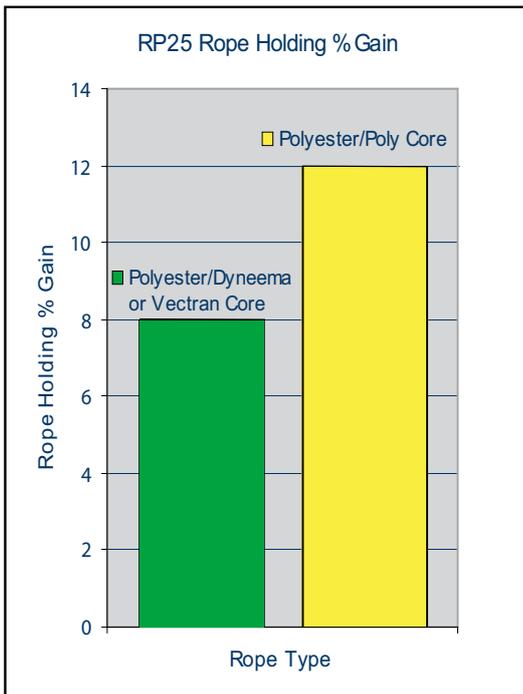
What RP25 does:

Can double the rope working life for the racing or cruising sailor.

Reduces risk of critical rope failure at chafe points

Increases ultimate load holding power, on any size of rope, without increasing its diameter.

Significantly improves performance and life for softer ropes.



RP25's unique formula is the result of extensive private research and development in conjunction with a leading European University. During its two-year testing programme, it has very significantly outperformed every known urethane-based or other production coating for abrasion protection and grip enhancement.

Coverage 1 Litre Tin

Rope	Coverage Length
• 8mm	40m
• 10mm	28m
• 12mm	24m

Rigger Service

RP25 is available only in 5 litre Rigger packs from Spinlock national distributors.

It can safely be applied to any synthetic fibre rope and is fully compatible with ropemakers' urethane coatings.

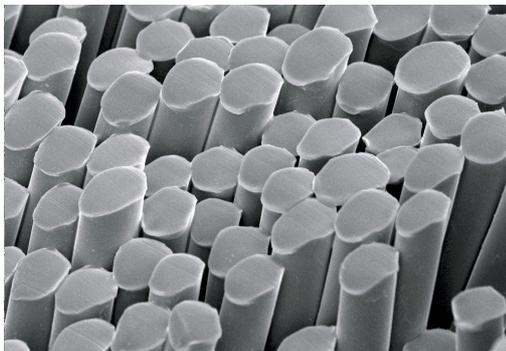
RP25 is easily applied by brush to selected areas of a clean and dry line.

Full details of the application method and health & safety advice are given in the instructions provided with the Rigger Pack

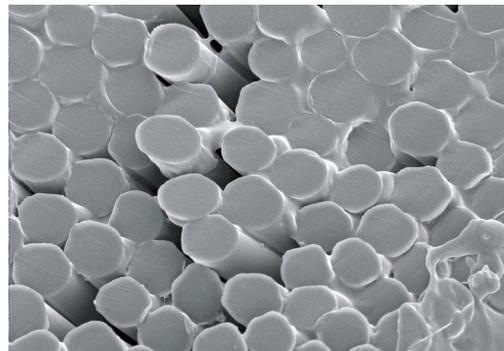
RP25 is best applied on land and should be left for a minimum of 24 hours to dry and cure.

RP25 Rope Protection

Treated and Untreated sample of line after an 8 hour abrasion test



Uncoated Fibre x500

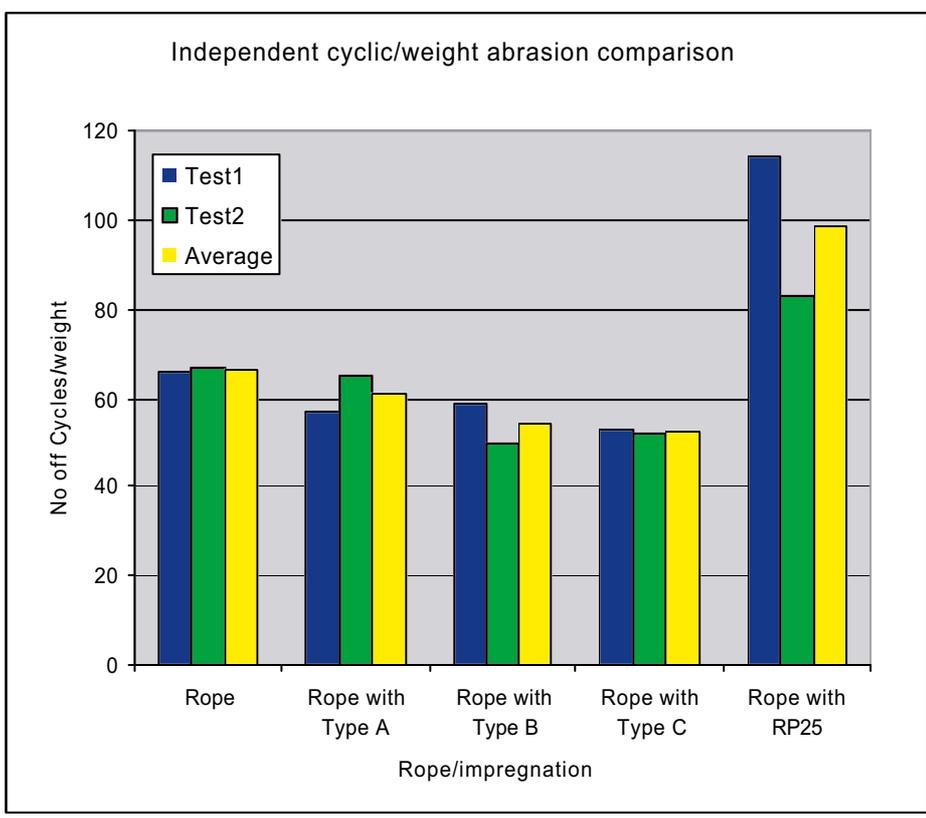
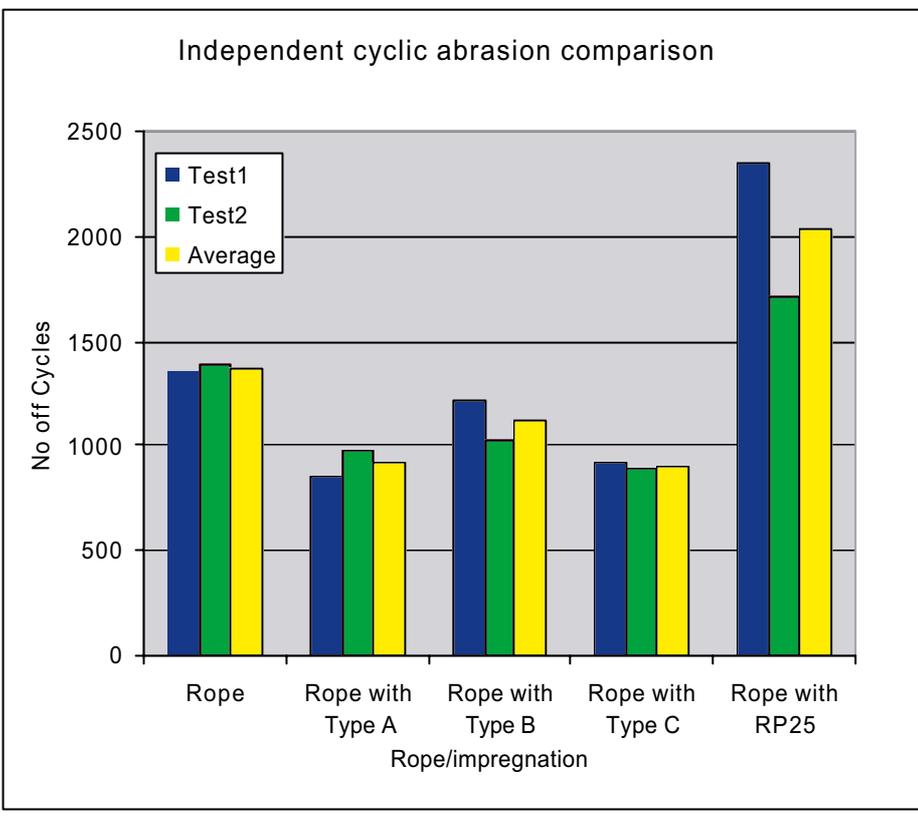


RP25 Coated x500

RP25 Rope Protection

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Independent test results (October 2004)
 How effective is RP25 in resisting abrasion?



RP25 Rope Protection

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IMPORTANT SAFETY INFORMATION

Before using RP25 read these important instructions and precautions

Product Function: RP25 is specially formulated for localised, deep penetration and coating of spun and woven fibre ropes, lines, or strops, for extending their working life on vessels at sea. It should not be used for any other purpose whatsoever.

Protection: The same level of personal protection and care should be used for RP25 as for any solvent-based paints, lacquers or cleaners. Ensure good ventilation during application and drying. Do not use in enclosed spaces. Wear protective gloves and safety glasses during all stages of application. Do not eat, drink or smoke while applying RP25.

Protecting the Marine Environment: The same care should be taken in disposing of any surplus RP25, its applicator pack, or any cleaning or masking materials as with any solvent based products. To minimise risk of accidental contamination or spillage, application of RP25 should be done on land.

Once the initial 24-hour drying process is complete, the treated material poses no risk to health, safety or the environment. After a further 48 hours maximum performance is achieved.

HOW TO USE

Check that the sections of (new or used) lines to be treated are clean and dry.

- 1) Mark off the proposed coated areas, using masking or electrical tape.
- 2) Tie one end of the line to a fixed point
- 3) Remove lid from tin.
- 4) Holding the line taut, wipe in short strokes and brush into the surface fibres.
- 5) Continue coating the whole area, rotating the line to ensure generous even coverage
- 6) Hang the treated length of rope to dry. Choose a dry well-ventilated place, away from dust or moisture.
- 7) Dispose of the RP25 pack and any residue, cleaning or masking materials in a responsible way.

Spillage:

Ensure any accidental spillage of liquid is removed from surfaces immediately after completing the treatment. Once cured, RP25 cannot be removed without scraping. Uncured product may be removed from any surface using Nail varnish remover (Acetone). Manufacturers precise health and safety instructions should always be followed when using solvents or solvent-based products.

Shelf Life / Storage:

1 year – Unopened tins, when stored below 20°C.
Store product away from extreme cold and heat.
Once opened and re-sealed the product must be used within 6 months.

Disposal:

Some local authorities have special facilities for disposing of waste product. Do not empty into drains or watercourses.

Statutory Health & Safety Information: uncured RP25 Liquid

Classification: - Harmful.

Risk: - Keep out of reach of children.
Harmful if swallowed.
Harmful, may cause lung damage if swallowed.
Irritating to eyes and respiratory system and skin.
Toxic to aquatic organisms may cause long-term effects in the aquatic environment.

Safety: - If swallowed, do not induce vomiting, seek medical advice.
Avoid contact with skin and eyes.
Avoid release of product into the environment.
Do not breathe vapours.

In Case of Accident: - After contact with skin, wash immediately with plenty of soap and water or a recognised skin cleaner.

In case of contact with eyes, rinse immediately with plenty of water and if necessary seek medical advice.

Fire Rating: - Flammable: flash point 61°C.