



OPERATIONS & MAINTENANCE (O&M) MANUAL

REPCOAT P

GENERAL INFORMATION

April 2026

Product Type

Repcoat P is a UV resistant, two-component, semi-gloss protective polyurethane coating and surface sealer, designed to provide an attractive and long-lasting finish with very good protection to a variety of surfaces exposed to aggressive environments.

Typical Uses

- Industrial and commercial floors.
- Warehousing and logistics areas.
- Chemical processing areas.
- As a line marking paint over resin floors in car parks.

SAFETY INFORMATION (FOR OPERATION & MAINTENANCE)

Once fully cured and in normal use, Repcoat P presents minimal risk when used as intended. However, cleaning and maintenance operations still require basic safety measures.

General Safety for Users & Cleaners

- Follow site safety rules at all times.
- Wear suitable PPE when cleaning (safety footwear, gloves, eye protection when using chemicals).
- Ensure good ventilation when using cleaning agents or solvents near the floor.
- Avoid activities that may mechanically damage the surface (heavy impact, aggressive scraping, uncontrolled grinding).

Safety for Future Repairs

If repairs or extensions are carried out using fresh Repcoat P and associated primers:

- Follow the current Safety Data Sheets (SDS) for all components.
- Use appropriate PPE (gloves, goggles, suitable clothing, and respiratory protection if specified).
- Observe all warnings regarding skin and eye contact, ventilation, and flammability of any associated primers or solvents.

POST-INSTALLATION & HANDOVER

Curing & Traffic

- The floor must not be opened to pedestrian, vehicle, or chemical traffic until the coating has cured in accordance with the latest Repcoat P data sheet.
- Environmental conditions (temperature, humidity, ventilation) can significantly affect curing.

Pre-Handover Inspection (By Contractor)

Before handover, the contractor should check:

- Floor is continuous, with uniform appearance suitable for the specified finish.
- No uncured or obviously tacky areas.
- No visible blistering, delamination, or large pinholes.
- Joints are treated and sealed as specified.
- The floor is clean and free from construction debris, loose particles, masking tape, etc.



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NORMAL OPERATION

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Intended Usage

- Areas requiring a protective coating at 70 - 100 microns per coat.
- Environments where a cleanable, chemically resistant coat is required, within the limitations given in the current data sheet and chemical resistance guide.

Good Practice in Use

To maximise service life:

- Avoid dragging sharp or unprotected metal objects directly over the floor.
- Use suitable wheels and castors (rubber / polyurethane tyres preferred).
- Protect localised high-impact areas (e.g. drop zones) with mats or plates if required.
- Avoid sustained exposure to extreme temperatures beyond those recommended in the current technical literature.
- Prevent standing pools of aggressive chemicals or hot liquids wherever possible.

CLEANING & ROUTINE MAINTENANCE

A consistent cleaning regime is essential to maintain appearance and performance.

Daily / Routine Cleaning

Dry cleaning:

- Sweep, dust-mop, or vacuum to remove loose dust and debris.

Damp cleaning:

- Mop or scrub using a neutral pH detergent compatible with polyurethane coatings.
- Rinse with clean water if required and remove excess water.

Spillages (especially oils, fuels, chemicals, food and sugary liquids outside the limits specified in the current data sheet and chemical resistance guide) should be cleaned as soon as possible to reduce staining and slip risk.

Periodic / Weekly or Monthly Cleaning

Depending on traffic and contamination:

- Use a scrubber-dryer or rotary machine with soft or medium pads/brushes.
- Apply a suitable detergent, scrub, then vacuum off or mop up the dirty solution.
- Rinse with clean water if recommended by the detergent manufacturer.

Heavy Soiling & Localised Cleaning

- Pre-treat heavily soiled areas with a compatible degreaser or detergent, following the chemical supplier's instructions.
- Lightly agitate, allow dwell time if required, then mechanically scrub and rinse.

Cleaners & Methods to Avoid

- Avoid highly abrasive powders or very aggressive pads except where localised surface roughening is acceptable.
- Avoid unapproved strong solvents or very high-alkali cleaners that may soften or dull polyurethane.
- Avoid prolonged exposure to steam cleaning directly on the floor unless confirmed acceptable by the manufacturer.

For any new or strong cleaning agent, test on a small inconspicuous area first or seek confirmation from the product manufacturer.



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MAINTENANCE & REPAIRS

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Routine Inspection

Suggested inspection intervals (to be adapted to site conditions):

- Light duty / low traffic areas: every 6 - 12 months.
- Medium / heavy traffic areas: every 3 - 6 months

Check for:

- Noticeable wear or dulling in heavily trafficked zones.
- Scratches, gouges, or impact damage.
- Signs of chemical attack, softening or staining.
- Condition of joints and any sealants.

Minor Surface Damage (Scratches, Local Wear)

For small, localised areas:

- Clean the area thoroughly and allow it to dry.
- Lightly abrade the damaged coating and feather the edges.
- Remove dust by vacuuming.
- Re-coat with the appropriate product in line with the current method statement.
- Respect the curing period before returning to traffic.

Larger Repairs / Exposed Substrate

Where the coating is damaged back to the substrate:

- Remove loose or debonded coating and any unsound substrate.
- Repair substrate defects (holes, cracks, spalls) with suitable repair products recommended for use with Repcoat P.
- Prepare the surface by mechanical means and clean thoroughly.
- Prime and reapply Repcoat P following the current method statement.

Major repairs, re-surfacing or substantial alterations should be carried out by an experienced contractor familiar with the Repcoat P system.

CHEMICAL RESISTANCE & SPILL MANAGEMENT

General Guidance

Repcoat P is formulated to resist a range of common chemicals and contaminants when correctly specified and fully cured. The exact resistance and any limitations are given in the latest chemical resistance data for the product.

Spill Response

- Contain the spill quickly, using absorbent materials if suitable.
- Remove the spilled liquid and dispose of waste in accordance with local regulations.
- Wash the affected area with water and a mild detergent compatible with polyurethane coatings.
- Rinse thoroughly and remove residual water.
- Inspect the surface:
 - » If the coating appears softened, discoloured, blistered or otherwise affected, record the incident and arrange further inspection or repair if needed.

For any new or unusual chemical, check compatibility with Repcoat P before routine exposure.



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JOINTS & MOVEMENT CRACKS

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- Movement, construction and other joints in the substrate are normally carried through the floor system and sealed with appropriate joint sealants.
- These joints allow the substrate to move; they should not be bridged rigidly by repairs or overcoating.
- Inspect joints regularly for:
 - » Sealant cracking or loss of adhesion
 - » Dirt or debris preventing proper movement
- Renew or repair joint sealants using compatible products as required.

STORAGE OF MATERIALS FOR FUTURE REPAIRS

If Repcoat P materials are stored on site for future maintenance:

- Keep in original, unopened containers where possible.
- Store in a dry, shaded, well-ventilated area, protected from frost and excessive heat.
- Follow the storage conditions and shelf life indicated on the current product packaging and data sheet.
- Always check batch numbers and expiry dates before use.