

MATACRYL[®] RB

*High technology seamless liquid waterproofing
for railway bridges.*



MATACRYL® RB

Advanced technology seamless bridge deck waterproofing membranes directly under rail ballast.

SUPERIOR WATERPROOFING ESSENTIAL

- Concrete not always in compliance with specifications in regard to absorption, porosity & permeability
- Bottom of the barrel systems selected on price only, often fail to deliver in terms of performance
- Damage often occurs to many membranes by third parties and other trades during construction
- Damage may occur to other waterproofing systems when the protection boards are being installed
- Chloride ion ingress may compromise structural integrity of concrete or steel decks



INSTALLATION BENEFITS

Cold applied and does not require heating or conditioning

Available in both Hand and Spray applied grades (Matacryl® Manual membrane only)

Available in both Horizontal and Vertical Grades

VOC compliant and contains no solvent

Reduced application times between Coats and layers

Rapid installation and handover to Client / User

Only requires 3mm dry film thickness (d.f.t) applied in one or two Coats

Variety of Primers to suit each exposure

Chemically inert and not requiring Hazmat precautions when disposing of

Quick rain resistance

Setting and Curing times may be adjusted to suit ambient and site conditions

No Protection Boards or additional Alternative Protective Layers (APL) required

Limited manpower required

Insignificant amount of equipment and plant required

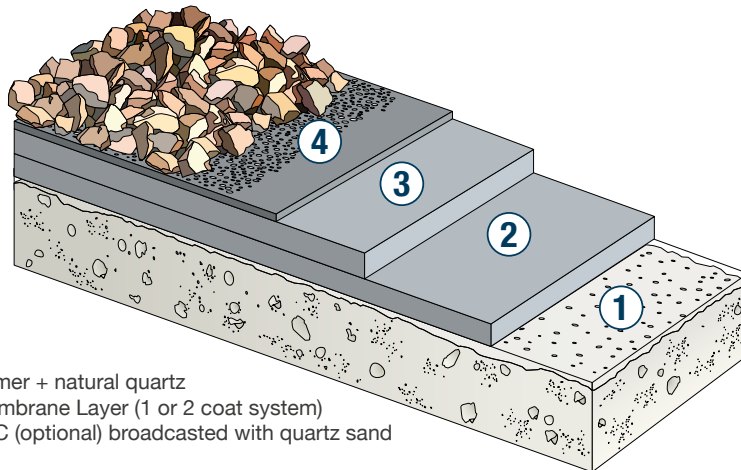
SUPERIOR PERFORMANCE CRITERIA

- Very few limitations for installation at varying temperatures
- Rapid Setting and Curing minimises costly Possession & facilitates almost immediate use
- Non absorbent and Impermeable
- Tenacious Bond to Concrete and Steel surfaces
- Resists indentation by ballast
- Crack Bridging even at below sub zero temperatures
- Chemical (fusion) bonding between subsequent Coatings minimises chances of any debonding
- Seamless Protection
- Lower densities on flexural members
- Quicker installation than conventional asphalt/HRA applications
- Easily repaired where applicable
- Complies with AREMA Ballast Indentation Certification



SYSTEM BUILD UP

UNDER RAIL BALLAST



A.R.E.M.A.

Ballast indentation approval.



Note: Matacryl® STC (optional) is only used if the membrane layer stays exposed for several weeks to UV.

MATACRYL® RB APPLICATION



This brochure is not intended to establish product recommendations for any installation. To the best of our knowledge the information contained herein is true and accurate at the time of issue, but is subject to change without prior notice. No part of this brochure may be copied without written authorisation of the RPM Belgium Vandex Group®.

WARRANTY

The RPM Belgium Vandex Group® warrant all goods to be free from defects and will replace materials proven to be defective. The given information corresponds to our present standard of knowledge. However, it is the buyer's responsibility to determine the suitability of the products in individual cases by conducting own tests.

The RPM Belgium Vandex Group® is a subsidiary of RPM Inc., USA, a public owned American company. The RPM Belgium Vandex Group® is a leading manufacturer of industrial flooring systems, waterproofing products, coatings, sealants and membranes. RPM Belgium Vandex Group® is certified by Lloyd's as a ISO 9001 company and all products are controlled according to the ISO 9001 quality standard.

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