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Rayson CourtFlex AC25

Rayson CourtFlex · Sports & court coatings

1. PRODUCT DESCRIPTION

Rayson CourtFlex AC25 is a single-component, water-based, self-crosslinking acrylic co-polymer coating for sports courts and decorative concrete and masonry surfaces, forming a stain-resistant, easy-to-clean film.

CourtFlex AC25 is the colour coat of the Rayson sports range. The water-based acrylic co-polymer self-crosslinks as it dries, forming a surface film with excellent water resistance, durability, low dirt pick-up and stain resistance that keeps courts cleanable and bright.

2. RECOMMENDED USES

- Basketball, tennis and multi-purpose courts
- Playgrounds and recreational surfaces
- Decorative concrete, pavers and unglazed tiles
- Masonry and brick walls; roof tiles

4. KEY PROPERTIES

- Excellent water resistance and outdoor durability
- Self-crosslinking film — stain-resistant and easy to clean
- Non-yellowing colour for interior and exterior use
- Single component, ready to use by brush or roller
- UV stability

3. SUITABLE SUBSTRATES

- Grey and decorative concrete
- Stone and limestone
- Unglazed tiles and pavers
- Roof tiles
- Masonry and brick walls

5. SYSTEM ROLE

Finish.

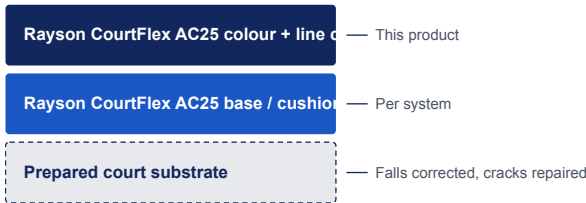


Figure 1 — Typical system build-up (top to bottom). Layer thicknesses are system-dependent; confirm the specification for your project.

6. TECHNICAL DATA

Surface preparation	Surface must be dry and clean — free of poorly adhered old coatings, loose particles, dust, grease, oil, wax and biological growth. Fill and level defective or cracked areas with a suitable filler, allow to dry, sand level and remove dust before coating.
Mixing / dilution	Single component, ready to use; stir before application
Application method	Brush, Roller
Coverage	Available from the Rayson technical team on request.
Application conditions	Material temperature 15–25 °C; ambient and surface temperature above 10 °C and at least 5 °C above the dew point.
Drying & curing	Available from the Rayson technical team on request.
Recoat interval	Available from the Rayson technical team on request.

Film / thickness	Built up in multiple thin coats to the specified texture.
Pack sizes	20 L plastic pail
Storage	Store in a ventilated, cool area.
Shelf life	Approximately 12 months unopened, in a ventilated cool area.

7. APPLICATION WORKFLOW



Figure 2 — Application workflow. Each stage is a hold point: confirm the previous stage is complete and within specification before proceeding.

8. RECOMMENDED SYSTEM

Sports court colour system

1. Repair cracks and depressions and correct ponding areas
2. Apply minimum 2 coats of Rayson CourtFlex AC25 in the court colour scheme
3. Overcoat dull patches for uniform colour, then apply line marking

Anti-slip recreational surface

1. Prime and texture with Rayson GripSafe AP12
2. Finish with Rayson CourtFlex AC25 in the selected colours

9. LIMITATIONS

- Material temperature 15–25 °C; ambient and surface temperature above 10 °C and at least 5 °C above the dew point
- Surface must be dry, clean and free of loose paint, dust, grease, oil, wax and biological growth
- Allow generous cure before play; confirm drying and full-cure times with our technical team
- Check falls and drainage before coating — ponding shortens the life of any court surface

10. HEALTH & SAFETY

Low-odour water-based product. Wear gloves and eye protection; ensure reasonable ventilation. Avoid skin and eye contact. Keep out of reach of children. Consult the Safety Data Sheet (in preparation) before use.

DISCLAIMER

The information in this data sheet is given in good faith and reflects typical values and general good practice. Because site conditions and workmanship are beyond our control, Rayson gives no warranty implied from this document; users should verify suitability for their specific application and confirm they are working from the current issue. For project-specific advice, contact the Rayson technical team.

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Product page:
<https://raysonpaint.sg/products/courtflex-ac25/>