

## ANTI-SLIP SYSTEMS

# GripSafe AP12

## ONE-PACK SELF-CROSSLINKING ACRYLIC PRIMER FILLER

Rayson GripSafe AP12 is a one-pack, self-crosslinking acrylic primer filler loaded with 0.5–1.5 mm silicate quartz aggregate that builds an anti-slip texture directly onto concrete and asphalt.

The aggregate is factory-blended into the acrylic binder, giving a consistent, repeatable texture while the product doubles as primer and filler for subsequent finish coats.

### KEY PROPERTIES

- Factory-blended 0.5–1.5 mm quartz gives consistent anti-slip texture
- One pack, ready to use — no broadcasting step
- Fast-drying with high abrasion and excellent water resistance
- Non-yellowing, interior and exterior; VOC under 50 g/litre



#### MIX

**Ready to use**

single component

#### COVERAGE

**5–8 m²/L**

theoretical

#### TOUCH DRY

**30–60 min**

at 25 °C

#### RECOAT

**2–4 h**

at 25 °C

#### PACK SIZE

**20 L**

plastic pail

## 02 RECOMMENDED USES

- Pedestrian walkways and ramps
- Industrial floors requiring slip resistance
- Playgrounds, basketball courts and tennis courts
- Cycling pathways

## 03 SUITABLE SUBSTRATES

- Grey concrete
- Asphalt surfaces
- Hard surfaces such as stone
- Unglazed tiles and pavers

## 05 SYSTEM ROLE



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

# Technical data & application controls

Control the substrate, mix, application conditions and cure before handover.

| SOURCE TECHNICAL DATA  |                                                                                                                                                                       | CONDITIONS, PACKAGING & STORAGE |                                                                      |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------|
| SURFACE PREPARATION    | Surface must be dry and clean; remove poorly adhered coatings, loose particles, dust, grease, oil, wax and biological growth. Fill, level, dry, sand and remove dust. | DRYING & CURING                 | Touch dry 30–60 minutes at 25 °C; recoat 2–4 hours; full cure 1 day. |
| MIXING / DILUTION      | Single component, ready to use; condition material to 15–25 °C before use.                                                                                            | RECOAT INTERVAL                 | Approximately 2–4 hours.                                             |
| APPLICATION METHOD     | Trowel or squeegee; brush for stripe-coating edges.                                                                                                                   | FILM / THICKNESS                | Textured filler coat; profile set by application.                    |
| COVERAGE               | Theoretical 5–8 m² per litre, subject to porosity and application conditions.                                                                                         | PACK SIZES                      | 20 L plastic pail                                                    |
| APPLICATION CONDITIONS | Material 15–25 °C; ambient and surface above 10 °C and at least 5 °C above dew point.                                                                                 | STORAGE                         | Keep away from direct sunlight in a sheltered area.                  |
|                        |                                                                                                                                                                       | SHELF LIFE                      | Approximately 12 months unopened.                                    |

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## APPLICATION WORKFLOW

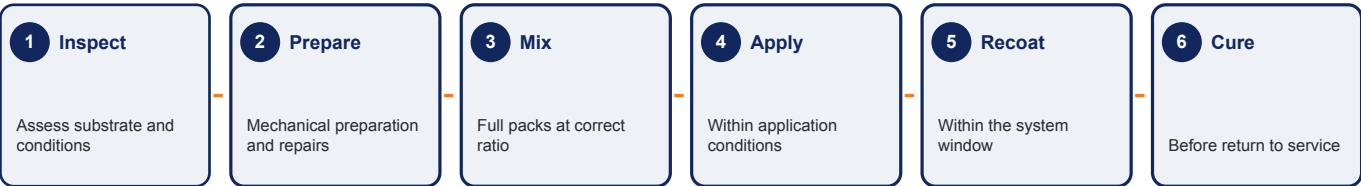


Figure 2 — Application workflow. Each stage is a hold point: confirm the previous stage is complete and within specification before proceeding.

# Specify, apply and verify the system

## 08 RECOMMENDED SYSTEM

### Anti-slip walkway or ramp

- 1 Clean, repair and level the surface; stripe-coat edges by brush
- 2 Apply Rayson GripSafe AP12; overcoat dull patches with a further coat
- 3 Finish with Rayson UraForce HY15 or CourtFlex AC25 in the selected colour

## 09 LIMITATIONS

- Ambient and surface temperature above 10 °C and at least 5 °C above dew point
- Surface must be dry, clean and free of loose paint, dust, grease, oil, wax and biological growth
- Neutral colour only — pair with a coloured finish where colour is required
- Texture grade is fixed by the factory aggregate blend

## 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.

### RAYSON HIGH PERFORMANCE COATINGS

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