



# QUANTUM ROLL-A-FLEX



**Roll-a-Flex is a proven, fully reinforced, liquid waterproofing system for creating long-lasting weathertight seals for use on any roofing material, profile or surface finish, or where welded joints are impractical.**

**Roll-a-Flex offers first-class fire-resistance, can be coloured to match existing materials and is fully guaranteed.**



## PRODUCT INFORMATION

### M.R. SITE SERVICES

**Roll-a-Flex is tough, seamless, fast curing, and fire-resistant and meets all appropriate UK and European construction standards.**

#### Properties

- Elastomeric (resistant to flexural fatigue) and dynamic crack bridging.
- Free from solvents, isocyanates and halogens.
- Hydrolysis resistant – resists standing water
- Fire resistant to BS476:Part3:2004-EXT.FAA

#### Certification

- ETA 03/0020 and 03/0021 certified
- BBA 95/3109 certified
- European tested to ENV1187 EN13501-5: German Standard test method 1; Nordic standard test method 2; French Standard test method 3.

#### Durability

- Totally waterproof (2mm dry film thickness)
- Chemical and UV resistant.
- Resistant to dynamic and static loads.

#### Application

- Cold liquid applied by roller for seamless joints.
- Application consists of base application/ primer followed by at least two layers of top coat depending on location.
- Can be applied in low temperatures (-5°C)
- Waterproof after 25 minutes
- Can be walked on after 45 minutes

#### Composition

- Fully reinforced formula containing Methyl Methacrylate; Ethylhexyl Acrylate; Solvent Naphtha and (Tolylimino) Dipropan.

#### Finish

- Naturally grey.
- Can be finished to colour match existing roof materials.

#### Handling

- Must be applied by qualified personnel wearing suitable protective clothing.
- Flammable when first applied.

#### Storage

- Large quantities require good ventilation.
- Must be stored in a dry, cool, well-ventilated area with protection from heat and direct sunlight
- Must not be stored with oxidising agents or peroxides

#### Maintenance

- Should be inspected annually.

#### Sales and after-sales support

- Back up and maintenance service is available.
- Call the sales office for more details.

#### M.R. Site Services Ltd

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### SUBSTRATE PREPARATION AND PRIMING

Substrate	Roll-a-Flex priming requirement
Asphalt	Primer 222
Polymer modified asphalt	Primer 222
Felt	No primer required
SBS modified felt	No primer required
APP modified felt	No primer required
Bitumen	Primer 222
Concrete/screed	Primer 276
Lightweight concrete/render	Pox R103
Polymer modified concrete	Primer 276
Steel	No primer required
Galvanised steel	No primer required
Stainless steel	No primer required
Aluminium	No primer required
Copper	No primer required
Zinc	No primer required
Lead	No primer required
Glass	No primer required
Wood/timber/ply	Primer 276
EPDM	Primer 530
Other substrates	Subject to testing
Single ply membranes:	
CPE	No primer required
EVA	No primer required
PIB	No primer required
PVC-P; nB	No primer required
Other single ply membranes	Subject to testing
Plastics (sheets, coatings, mouldings):	
UPVC/PVC	No primer required
GRP	No primer required
Acrylic Glass	No primer required
PU (polyurethane)	No primer required
PMMA (poly methylmethacrylate)	No primer required
UP (polyester)	No primer required
EP (epoxy)	No primer required

For information on other substrates, contact:

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#### Substrate Assessment

- In all cases the stability of the underlying substrate should be assessed prior to the commencement of work.
- Surfaces to be coated must be firmly fixed and any existing known structural defects rectified prior to overlay.

#### Substrate Preparation

- As a general rule all existing paint and surface finish should be removed by grinding.
- The prepared surface must be clean, dry and free from dust, laitence, grease, oil and any other contaminants.

#### Priming

- Primers are applied by roller to a minimum coverage of 0.4kg per square metre.
- Rainproof after approx. 25-30 minutes.
- In general primers can be walked upon after approximately 45 minutes, although some (depending on substrate) need 8 hours. as a general rule also, primers can be re-coated after 30-45 minutes although some (depending on substrate) need 18 hours.

#### Surface Repairs and Filling

- Cut out blisters and repair minor indentations. Allow to dry for a minimum of 1 hour.
- Fill all voids in vertical surfaces and at upstand transitions and allow to dry for a minimum of 1 hour.

#### Roof Details and Repairs

For general roof details

- Roll-a-Flex is applied by roller to a minimum coverage of 2.0 kg per square metre.
- Roll a Flex reinforcement is applied into the wet resin by roller, ensuring a minimum 50 mm overlap between the reinforcement sheets.
- A second coat of Roll-a-Flex is applied by roller, wet on wet, to a minimum coverage of 1.3kg per square metre. Rainproof after approx. 30 minutes.
- For complex details or where access is restricted:
- Fibre reinforced resin is applied by brush to a minimum of 1.5 kg per square metre and allowed to cure for a minimum of 45 minutes.
- After curing has taken place (approximately 45 minutes) a further layer is applied.