

### Acraflex RG

#### Product Description

A single pack pigmented rubber based roof coating

*Acraflex Rubber Grade* is a single coat application, rubber based solvented waterproofing topcoat to be applied over a primed surface. It is extremely long lasting and has exceptional durability. The product benefits from being tough, flexible and highly elastic.

*Acraflex Rubber Grade* is also UV resistant and will withstand movement from the roof. It can be applied by roller or brush. Rainfall immediately after application has no adverse effect.

#### Typical Uses

Due to its rubber formulation, *Acraflex Rubber Grade* is highly UV resistant and will far outlast bituminous coatings, making it ideal for demanding situations where long-term waterproofing protection is required. *Acraflex Rubber Grade* is suitable for both flat and pitched roofs.

**Suitable substrates:** *Acraflex Rubber Grade* may be applied to weathered asphalt, bitumen, felt, fibreglass, concrete, brick, stone, galvanised steel, ferrous metals. Do not use on new bituminous primers/coatings or surfaces.

\* Note: discolouration can occur over these surfaces. An extra coat may therefore be required for decorative purposes.

**Colour:** *Acraflex Rubber Grade* is available in grey only.

**Packaging:** *Acraflex Rubber Grade* is supplied in 5 or 20 litre units.

#### Direction For Use

##### Surface Preparation

All necessary repair work should be carried out prior to application of the coating and the prepared surface should be clean, sound and free of flaking or loose material, moss or fungal growth. Any water, oil or grease must be removed and the surface allowed to dry.

Due to the wide variation in roofing materials and conditions, the following are generalised recommendations only. Please contact the Polycote technical helpline if more specific guidance is required for your application.

Moss, lichen and fungal growth - remove by stiff broom or jet washing, then treat the area with Polycote *Destroy IT* to inhibit further growth - Please see the relevant data sheet.

Porous surfaces - *Acraflex Rubber Grade* should be applied to porous surfaces which have been primed using *ARG Primer*.

Non-porous surfaces – Shiny surfaces should be abraded to allow for better adhesion. *Acraflex Rubber Grade* should be applied to non-porous surfaces once they have been thoroughly cleaned and are completely dry.

Asphalt, bitumen and felt roofs - New asphalt and bitumen surfaces should be allowed to weather prior to application.

Metal surfaces - remove all loose and flaking rust and treat with Polycote *Rustex* - refer to relevant Data Sheet.

New galvanised steel should be allowed to weather, or may be treated with a suitable primer - Please see the relevant Data Sheet.

Gaps, cracks, joints and holes - *Acraflex Rubber Grade* will fill or bridge hairline cracks. Wider cracks or joints should be raked clean, opened out and filled using Polycote *Rooflex Sealant*.

Allow sealant to cure before embedding membrane and overcoating - see under 'Application' following.

#### Application

Having prepared and primed the surface, and making sure it is completely dry, apply a generous coat of *Acraflex Rubber Grade* by brush or roller.

Any filled cracks or joints that are subject to movement should be reinforced with Polycote *Flexible Membrane*. The membrane should be cut to approximately 100mm wide strips of appropriate length and laid into the wet *Acraflex Rubber Grade* coating over the repair, stippling with a paintbrush to integrate the membrane into the wet coating.

After all necessary membranes are embedded, an overall coating may be applied by brush or roller.

##### Application Temperature

*Acraflex Rubber Grade* should be applied at a temperature between 2°C and 35°C. Relative air humidity 85% r.h. maximum. Do not apply to frozen or damp surfaces. Do not apply in hot direct sunlight or coating may skin.

## Curing Time

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Normal curing time of *Acraflex Rubber Grade* is 8 hours or overnight, depending on temperature and humidity. It may remain slightly soft for a further period, but this will not affect the waterproofing qualities. Allow to dry fully before applying any further coats.

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## Coverage

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The minimum coverage per m<sup>2</sup> of *Acraflex Rubber Grade* should be:

Smooth surfaces - 1.0 ltr. - Smooth felt, carrier membrane, fibreglass and GRP, weathered asphalt or bituminous surfaces and concrete.

Medium surfaces - 1.25 ltr. - Intermediate mineral felt, weathered asphalt or bituminous surfaces and asbestos.

Rough surfaces - 1.5 ltr. - Rough mineral felt, weathered asphalt or bituminous surfaces, asbestos and cement.

Coverage over metal: 0.8 ltrs per m<sup>2</sup> (includes both coats).

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## Cleaning

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Tools and equipment should be cleaned whilst material is still wet using White Spirit.

Hands and skin should be cleaned immediately with organic hand cleaner.

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## Shelf Life & Storage

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Shelf life in unopened containers is up to 24 months, subject to conditions of storage.

Store in a cool, dry frost-free environment away from sources of ignition.

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## Health & Safety

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Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.

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## Any Questions

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Please do not hesitate to contact us for advice regarding the use of this product or its suitability for your particular application.

Our aim is to provide all the technical help you need to make an informed choice and achieve total success.

Polycote Technical Helpline: **01234 846400**

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All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer's responsibility to ensure the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company's policy of continual research and development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.