eco parge™

eco-parge

## PRODUCT INFORMATION

eco-parge is a high performance modern parge coat that has been specifically designed and tested for fast application onto Porotherm clay blocks. Engineered to increase air tightness and to optimise the sound and thermal performance of Porotherm clay block walls, prior to dry lining.

eco-parge has been designed to be applied by brush or roller ensuring fast de-skilled application. An ultra high polymer modified product, on application the cross linked polymers grab to the inside of the open joints then the X-pan technology takes effect, as the product starts to cure it expands fully filling and sealing the joints.

TYPICAL SUBSTRATE
Porotherm clay block

FEATURES

- X-Pan Technology
- Highly Flexible
- Vapour Permeable
- Eco-friendly
- C2 Adhesion
- Odourless

COLOUR
White

## PLEASE NOTE

The weather conditions for application and drying are critical. Do not apply if frost is forecast, in wet conditions when RH is above 85%, in temperatures below +5°C or above +30°C, and for a min of 24hr after application. Do not apply to elevations in direct sunlight, or to substrates which are hot or below +5°C. The render must be protected against any rain, direct sun or wind in the first 24 hours after application.

## PREPARATION

All surfaces must be sound, clean, dry and free of any material which may impair adhesion.

## MIXING

eco-parge should be mixed with clean water at a rate of approximately 9-10 litres per 25kg bag using a suitable drill with whisk attachment, mix for 5 min, allow standing for 5 min then remix. This process allows the chemical additives to dissolve and activate.

**Note:** eco-parge may stiffen on standing. Re-mix the product to regain a workable consistency but do not add any more water. eco-parge has an open time of 3 hours.

## APPLICATION

Note: Product is to be applied to the internal, room facing block work. (Both block faces & joints)

**Brush**

Using a soft-headed broom, load the brush with the product then work the product into the joint ensuring the product is filled into the joints. Once the joints are filled and loaded, stroke the material out in a horizontal manner to cover the face of the blocks, this will flatten the surface out, ensuring a level surface is achieved.

## COVERAGE

Approximately 20sqm per bag. Note: These estimates take no account of wastage.

## PACKAGING & STORAGE

eco-parge is supplied 25kg paper sacks; palletised (40) bags and shrink wrapped. When stored unopened in a dry place at temperatures above 5°C, shelf life is 12 months from date of manufacture.

## QUALITY CONTROL

All products are factory blended, tested and packaged to quality control procedure in accordance with BS EN ISO 9001 series.

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Wetherby

eco-parge

For further information please refer to the eco-parge data / health and safety sheets. This product is classified and therefore the following hazardous and precautionary statements are associated with the product:

Hazardous Statements:

H315 – Skin irritant. 2
H318 – Eye damage. 1

The preparation produces an alkaline reaction when exposed to moisture. Please take this into consideration when processing the material and avoid extended contact with the skin, or make sure to wear gloves.

Precautionary Statements:

- Keep out of reach of children
- Do not breathe dust
- Do not get in eyes, on skin, or on clothing
- IF IN EYES: Wash with soap and water, get medical attention
- IF ON SKIN: Wash with soap and water
- Wear protective gloves, eye and face protection
- IF SWALLOWED: Get immediate medical advice / attention
- Dispose of contents / container to hazardous waste collection point

THE PREPARATION IS LOW CHROMATE IN ACCORDANCE WITH EU-GUIDELINE 2003/53/EC

CE

1289

La Roc, Wetherby Group
Dalton Industrial Estate, Dalton
Thirsk, North Yorkshire YO7 3HE
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eco-parge
Improved deformable cementitious mortar
for use internally in buildings

EN 12004

| | |
|---|---|
| Reaction to fire | Class F |
| Release of dangerous substances | See MSDS |
| Initial tensile adhesion strength | ≥ 1.0 N/mm² |
| Tensile adhesion strength after water immersion | ≥ 1.0 N/mm² |
| Tensile adhesion strength after heat aging | ≥ 1.0 N/mm² |
| Tensile adhesion strength after freeze-thaw cycles | ≥ 1.0 N/mm² |
| Open time: tensile adhesion strength | ≥ 0.5 N/mm² after no less than 20 min |
| Extended open time: tensile adhesion strength | ≥ 0.5 N/mm² after no less than 30 min |
| Deformable adhesive: transverse deformation | ≥ 2.5 mm and <5 mm |

Porotherm
A Wienerberger Brand

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# Safety Data Sheet

Data Sheet according to 1907/2006/EC, Article 31

## 1 Identification of the substance/preparation and of the company/undertaking

Product: ECO-PARGE
Expected Use: Internal Parge Coat
Synonyms:
Company Name: La Roc Building Solutions Ltd.
Dalton Industrial Estate
Dalton
North Yorkshire
YO7 3HE
Tel: 0845 5194 779
Fax: 0845 5194 778

## 2 Composition/Information on Ingredients

A blend of hydraulic silicates, aluminates, mineral fillers, rheology controlling admixtures and polymers

| Ingredient | CAS No | % Composition | Classification/Symbol | | R Phrases |
|---|---|---|---|---|---|
| Portland Cement | 65997-15-1 | 20-55% | Irritant |  | R36/37/38 |

## 3 Hazard Identification

Classification of Substance

Irritant 

Description of Hazard
Contact with eyes : May cause irritation to the eyes
Contact with skin : May cause irritation to the skin
Inhalation : May cause irritation to the nose and mouth due to dust
Ingestion : May cause gastric irritation to some individuals
Cement when wet may cause burns therefore it is sensible to wear the appropriate protective clothing – see section 8.

## 4 First Aid Measures

Eye contact
Irrigate with clean running water for at least 15 minutes.
Seek medical advice if irritation persists.

Skin Contact
Wash of with copious amounts of water.
Seek medical attention if irritation persists.

Ingestion
Drink copious amounts of water.
If large amounts are ingested, seek medical attention.

Inhalation
Remove person to fresh air.
If recovery is not rapid, seek medical attention.

## 5 Fire Fighting Measures

Special Circumstances/Conditions : None
Exposure Hazards : No anticipated hazardous products of combustion
Personal Protective Equipment : Suitable protective clothing and gloves
Extinguishing Media: : $CO_2$, foam

## 6 Accidental Release Measures

Minor Releases
Personal Protection : Suitable protective clothing, gloves
Environmental Protection : Avoid contamination of water ways and cultivated areas.
Spill Control Guidance : Confine spill and sweep up or vacuum to avoid generating excessive dust.
Dispose of by landfill in accordance with local regulations.
Decontamination : Water spray

Major Releases
Personal Protection : Suitable protective clothing, gloves
Environmental Protection : Avoid contamination of water ways and cultivated areas.
Spill Control Guidance : Confine spill and sweep up or vacuum to avoid generating excessive dust.
Dispose of by landfill in accordance with local regulations.
Decontamination : Water spray

## 7 Handling & Storage

Handling: Handle in well ventilated areas using methods that minimise dust. Dispose of waste by landfill in accordance with local regulations.Avoid contamination of water ways and cultivated areas.

Storage: Store in unopened bags clear of the ground in cool, dry conditions, protect from excessive draughts. Keep out of the reach of children.

## 8 Exposure Controls/Personal Protection

Exposure Limit Values

| Substance/Ingredient | OEL 8hr TWA | | STEL | | Comments |
|---|---|---|---|---|---|
| | ppm | mg/m³ | ppm | mg/m³ | |
| Total Inhalable Dust | | 10 | | | |
| Respirable Dust | | 4 | | | |

## 9 Physical & Chemical Properties

| | | | |
|---|---|---|---|
| Appearance: | Grey Powder | Vapour Pressure: | Not applicable |
| Odour: | None | Bulk Density: | 1300 – 1500 kg/m3 |
| pH: | 12-14 when wet | Specific Gravity: | Not applicable |
| Boiling Point: | Not applicable | Solubility Water: | <2% |
| Melting Point: | Not applicable | Other: | Not applicable |
| Flash Point: | Not applicable | Partition Coefficient: | Not applicable |
| Flammability Limits: | Not flammable | Viscosity: | Not applicable |
| Oxidising Properties: | Not applicable | Vapour Density: | Not applicable |
| | | Evaporation Rate: | Not applicable |

## 10 Stability & Reactivity

| | |
|---|---|
| Stability: | Stable |
| Conditions to avoid: | None |
| Materials to avoid: | Oxidising agents, strong acids |
| Hazardous decomposition: | None |
| Products: | |
| Hazardous polymerisation: | Not applicable |

## 11 Toxicolgical Data

| | |
|---|---|
| Oral Toxicity: | Product is of low oral toxicity |
| Dermal Toxicity: | Product is of low dermal toxicity, although some irritation to skin may occur |
| Sensitisation/Irritation: | Persistent skin contact with wet product may give rise to sensitisation,<br>Irritant to eyes due to physical abrasion effects of powder and burning in wet condition<br>Material is not biodegradable |
| Carcinogenicity/Mutagenicity: | Not known |
| Long Term Effects: | Chronic effects – high repeated dosage above OEL may be linked to Rhinitis. |

## 12 Ecological Information

| | |
|---|---|
| Ecotoxicity: | May be toxic to aquatic life, although not classified as a marine pollutant |
| Mobility: | Slightly soluble in water |
| Persistance & Degradability: | Material is not biodegradable |
| Bioaccumulative Potential: | Not known |
| Other Adverse Effects: | Not known |

## 13 Disposal Considerations

Descriptive

Dispose of this material to a landfill site, in accordance with local or national disposal regulations.

Dispose of empty bags to a landfill site, or incinerator in accordance with local or national disposal regulations.

## 14 Transport Data

Key Data

| | |
|---|---|
| UN Number : Not required: | Not required |
| Proper Shipping Name: | |
| Class: | |
| Packing Group: | |
| Secondary Hazard: | |
| ADR/RID: | |
| IMDG: | |
| EmS: | |
| MFAG: | |
| IATA: | |