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**JOHNSTONE'S**

The best form of defence

**STORMSHIELD**



## Stormshield Exterior Coatings

Johnstone's range of Stormshield exterior finishes have been developed for professional painters and decorators who are undertaking the arduous job of protecting the exterior of buildings. Stormshield products are formulated to be easy to apply and provide long lasting protective solutions to all exterior surface coating requirements.

All kinds of pollution contribute to the deterioration of the outside of buildings, causing irreversible damage to the surface. Johnstone's Stormshield Masonry Finishes protect against:

- **UV light** - Excellent colour retention preventing the paint film from cracking and flaking keeping the just painted look for longer.
- **Dirt accumulation** - Resists mould and algae.
- **Weather resistant** - Shower proof in 20 minutes of application and suitable for application down to -5°C\*.
- **Anti carbonisation** - Concrete buildings, including car parks, are particularly at risk from car exhaust fumes.

\*Pliolite Based

## Smooth Masonry Finish

Available in 2.5 Litre, 5 Litre and 10 Litre

### Ideal Usage:

Suitable for all new and previously painted masonry.



A water based smooth masonry finish suitable for most applications to exterior masonry surfaces

- Over 15 years life expectancy
- A high quality water-borne acrylic resin based finish with excellent colour retention and anti-carbonation properties
- Provides a durable smooth finish to exterior substrates
- Over 15,000 colours available via the Johnstone's Tinting System



## Textured Masonry Finish

Available in 5 Litre

### Ideal Usage:

Suitable for masonry surfaces that require extensive repair.



A high quality water-borne acrylic resin based textured finish

- Over 15 years life expectancy
- Masks surface imperfections on exterior surfaces
- Excellent colour retention
- Over 6,700 colours available via the Johnstone's Tinting System



## Jontex High Build Textured Masonry

Available in 10 Litre

### Ideal Usage:

Suitable to camouflage masonry imperfections.



High quality, ready mixed, water-borne protective finish for exterior or interior use

- Over 10 years life expectancy
- Offers long term protection to badly weathered masonry and other surfaces
- Heavy duty protection in one coat
- Brilliant White, County Cream & Magnolia



## Pliolite® Based Masonry Finish

Available in 5 Litre

### Ideal Usage:

Suitable for all new and previously painted masonry.



A solvent based smooth matt finish for exterior walls that can be applied in temperatures down to -5°C and is showerproof in 20 minutes

- Over 15 years life expectancy
- Excellent adhesion to previously painted or untreated porous surfaces
- Showerproof in 20 minutes allowing all year round surfaces application
- Pliolite® is a registered trademark of Eliokem
- Over 6,700 colours available via the Johnstone's Tinting System



# Stormshield

## Quick Dry Stabilising Solution

Available in 5 Litre

### Ideal Usage:

Suitable for use on most interior and exterior masonry surfaces.



Binds friable or chalking surfaces to produce a surface suitable for further decoration

- Low odour, water-borne formulation
- Quick dry, low odour and overcoatable in 2-4 hours
- Clear



## Case Study

**Quebec House, Portsmouth:** The building is one of the oldest wooden structures in England and its location means that it faces some of the country's most extreme weather conditions.

**Contractor:** Seaview Estates Ltd, Portsmouth.

**Task:** Re-decoration work was carried out on the exterior of the house which took Seaview Estates six weeks to complete.

The work saw the contractors using a variety of Johnstone's products to ensure an impressive finish.

**Product:** Stormshield Flexible Primer Undercoat, Flexible Gloss and Pliolite® Based Masonry Finish were used in shades of blue and white to match the existing paint work.

**Facts:** Built in 1755 right on the entrance to Portsmouth Harbour, Quebec House has seen many uses in its time.

Originally built for sea water bathing by public subscription in 1754, this distinctive two storey building is faced with weather boarding and topped with a low pitch lipped slate roof.



## Stabilising Solution

Available in 5 Litre

### Ideal Usage:

Suitable for use on most exterior masonry surfaces.



Binds friable or chalking surfaces to produce a surface suitable for further decoration

- Highly penetrative solvent-borne formulation
- Designed for use under masonry finishes
- White & Clear



## Flexible Gloss

Available in 2.5 Litre

### Ideal Usage:

Suitable for exterior timber cladding, doors and windows.



A flexible high gloss finish provides increased durability performance over conventional glosses

- Over 6 years life expectancy
- Microporous product giving resistance to blistering, cracking and flaking
- When used in conjunction with Johnstone's Flexible Primer Undercoat and Johnstone's Woodworks Universal Primer, it provides a flexible, breathable system as approved by the BBA
- Excellent opacity and colour retention
- Over 15,000 colours available via the Johnstone's Tinting System



## Flexible Primer Undercoat

Available in 2.5 Litre

### Ideal Usage:

Suitable for exterior timber cladding, doors and windows.



A dual purpose product - flexible primer and undercoat combined

- Retains flexibility longer than traditional undercoats thereby increasing durability
- When used in conjunction with Johnstone's Flexible Gloss and Johnstone's Woodworks Universal Primer, it provides a flexible, breathable system as approved by the BBA
- Over 15,000 colours available via the Johnstone's Tinting System



## Water Seal

Available in 5 Litre

### Ideal Usage:

Prevents water penetration for all exposed masonry.



- For use on exterior porous walls
- Provides a water repellent surface whilst allowing the substrate to breathe
- Does not change the appearance of the substrate
- Protects surfaces against frost damage
- Clear



## Case Study

**Ritson Wharf, Maryport:** A building this exposed needs exterior coatings to provide outstanding durability and resistance to adverse weather conditions - Johnstone's Stormshield exterior range was perfect for the job.

**Contractor:** Barrie Haigh Painting Contractors, Workington.

**Task:** Due to its exposed location, the exterior of the buildings have to withstand extreme weather conditions and even though they were painted around 6 years ago, Barrie Haigh Painting Contractors were called in to renovate the outside of the buildings to ensure that the surface remained in top class condition.

Because of the location of the development and its close proximity to the road, cherry pickers, rather than scaffolding were used to complete the higher parts of the building.

The individual flats within the building have their own characteristics and each had their own challenges, but even so, the finished result was outstanding.

**Product:** The first task was to prepare the surfaces. The buildings being painted were power washed to remove any loose and defective paint before using Johnstone's Pliolite® Based Masonry Finish to paint and protect the masonry surfaces.

**Facts:** Maryport on the Cumbrian coast was once a bustling seaport. It is now a popular tourist destination. Ritson Wharf at Maryport is a thriving marina development enjoying a dramatic location right on the sea front.



## Preparation advice

Check for surface imperfections where water can collect such as joints, holes and ledges. Use a good quality All Purpose Filler to repair these areas. Algae or fungal growth should be treated with Sterilisation Wash.

Loose powdery masonry surfaces should be sealed with Johnstone's Stormshield Stabilising Solution.

## Microporous systems

Timber to be over-coated with a microporous system such as Johnstone's Stormshield Flexible Gloss, Exterior Satin Finish Woodstain or Opaque Wood Finish, should be given a pre-coat of Johnstone's Woodworks Exterior Universal Primer before applying the correct system as directed.

## Concrete, brickwork, cement rendering, masonry - fresh or previously painted

Thoroughly brush down with a stiff brush to remove any dust or surface contamination. Repair defects and cracks with the appropriate materials.

On porous or friable surfaces apply one coat of Johnstone's Stormshield Stabilising Solution or Johnstone's Stormshield Quick Drying Stabilising Solution. If the surface is very sound, apply finishing coats of the required coating direct. When finishing with a solvent-borne system, first prime with Johnstone's Alkali Resisting Primer. Johnstone's Stormshield Pliolite Based Masonry Finish is self-stabilising and can be applied directly to the substrate as directed.

## Fletton common bricks

Paint adhesion problems can occur on this type of external brick. The presence of kiss marks, dark, smooth and sometimes slightly glazed areas can result in paint failures in less than two years.

In addition, a tendency to form powdery surface deposits of efflorescence can also cause subsequent failure. All paint types are affected and thick films can fail extensively due to the added effect of trapped moisture.

External rendering, carried out in accordance with BS5262, can provide satisfactory adhesion for paint systems. Sand-faced and rustic Flettons can be painted satisfactorily.

## British Board of Agrément

The British Board of Agrément is designated by Government to issue European Technical Approvals based on the assessment of products for construction. Johnstone's products carrying this logo have undergone rigorous independent testing and received approval from the BBA.



# Product Selector

|   | Pack Size (Litres) | Softwood/<br>Hardwood | Plywood | Metal | Concrete, Cement,<br>Rendering,<br>Brick, Stone &<br>Blockwork | Pebble<br>Dash | Finish | Key Benefits  | Water Based/<br>Solvent based |
|---|--------------------|-----------------------|---------|-------|--|----------------|--------|---|-------------------------------|
| Smooth Masonry                            | 2.5, 5,<br>10      |                       |         |       | •  | •              | Matt   | Anti-carbonisation properties reduce CO <sub>2</sub> attack | Water                         |
| Textured Masonry                          | 5                  |                       |         |       | •  | •              | Matt   | Masks surface imperfections                                 | Water                         |
| Jontex High Build Textured Masonry Finish | 10                 |                       | •       |       | •  |                | Matt   | High build formula masks surface irregularities             | Water                         |
| Pliolite® Based Masonry Finish            | 5                  |                       |         |       | •  | •              | Matt   | All year round application                                  | Solvent                       |
| Quick Drying Stabilising Solution         | 5                  |                       |         |       | •  | •              | N/A    | Quick drying, binds chalking masonry                        | Water                         |
| Stabilising Solution                      | 5                  |                       |         |       | •  | •              | N/A    | Binds chalking masonry                                      | Solvent                       |
| Flexible Gloss                            | 2.5                | •                     | •       | •     |  |                | Gloss  | Flexible and durable  | Solvent                       |
| Flexible Primer Undercoat                 | 2.5                | •                     | •       | •     |  |                | N/A    | Flexible and durable  | Solvent                       |
| Water Seal                                | 5                  |                       |         |       | •  | •              | Clear  | Prevents water penetration                                  | Solvent                       |

Pliolite® is a registered trademark of Eliokem.

This is only a guide. If unsure as to the suitability of any product please contact Technical Advisory.

## JOHNSTONE'S

Your nearest Johnstone's stockist

[www.johnstones-paints.co.uk](http://www.johnstones-paints.co.uk)  
 sales enquiries 01924 354600  
 technical advice 01924 354100



Decorative Coatings UK and Ireland

SigmaKalon UK Limited

Huddersfield Road, Birstall, Batley, West Yorkshire, WF17 9XA  
 Telephone: 01924 354000 Facsimile: 01924 354001

All Johnstone's products are manufactured under a quality system approved by the B.S.I.  
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