



## LOXON®

**100% Acrylic, Elastomeric Coating.**

### Description

**LOXON®** is a 100% acrylic, elastomeric paint with exceptional durability and longevity for both interior and exterior surfaces. It forms a waterproof and highly elastic membrane that prevents the formation of hairline cracks. It is particularly suitable for coastal constructions as it exhibits excellent resistance to alkalis and atmospheric pollutants while being impervious to aggressive corrosive agents such as carbon dioxide (CO<sub>2</sub>), without inhibiting the substrate's water vapour permeability. It can be applied to surfaces such as concrete, plasterboard, cement board, wall levelling compounds, cement blocks, concrete, wood, etc. It is easy to apply and spreads uniformly. It does not contain ammonia.

### Physical Characteristics

Vehicle Type	100% Acrylic
Specific Gravity	1.31 ± 0.02
Volume Solids	40 ± 1%
Weight Solids	55 ± 1%
Viscosity	100 ± 5KU's
Gloss	EN 13300 <6 at 85° Matt
Dilution	Up to 10%, by volume
Drying time at 25°C and relative humidity 50%	Touch dry: 4 hours Recoat: 24 hours depending on weather conditions
Flash Point	Non-flammable

#### Coverage

13 – 15 m<sup>2</sup>/L per coat on smooth surfaces



Wet film thickness: 66 – 77 µm per coat / Dry film thickness: 24 – 28 µm per coat.

### Technical Specifications

Elongation (75 µm DFT)	DIN 53504	100%
Tensile Strength (75 µm DFT)	DIN 53504	4.0 ± 0.3 MPa
Water Vapour Transmission Rate	DIN EN ISO 7783-2	S <sub>d</sub> = 0.491 m (Class II)
Liquid Water Transmission Rate	DIN EN 1062-3	0.12 kg/(m <sup>2</sup> h <sup>0.5</sup> ) (Class II)
Carbon Dioxide Permeability (75 µm DFT)	DIN EN 1062-6	S <sub>d</sub> > 99 m (for concrete protection, values of S <sub>d</sub> > 50 m required)
Wet Scrub Resistance (300µm WFT)	DIN EN 13300:1	< 2.5 µm / 200 cycles (Class 1)
EU limit value for this product (cat. A/c): 40g/l (2010). This product contains max 22.1 g/l VOC		

## ECOLOGICAL CONFORMITIES

**LOXON®** contributes to the attainment of credits based on the **LEED EQ v4.1** certification program for environmentally friendly and sustainable buildings at the following criteria:

-  **Volatile Organic Compounds Content (VOC Content)**
-  **Volatile Organic Compounds Emissions (VOC Emissions)**

Point	Method	Maximum accepted value	LOXON® Performance
VOC Emissions	AgBB – EN 16516	0.5 mg/m <sup>3</sup>	0.02 mg/m <sup>3</sup>
VOC Content	European Directive 2004/42/EC	40 g/L	22.1 g/L

**PELETICO LTD** produces its products in full compliance with the requirements of the European Regulation on Eco-Management and Audit Scheme **EMAS** and the International Environmental Management System **ISO14001**.

## Instructions for Use

### SURFACE PREPARATION

The surface to be painted should be cured, dry, and free from salts, dust, grease, oils, fungi, and mold. Surfaces with peeled old paints should be scraped, sanded, and then cleaned before painting. Glossy surfaces should be sanded dull and cleaned from dust. Surfaces with cracks should be repaired before painting using a crack filler such as **PELEFILLA®** or **SPATULIN®**. New as well as porous or slightly deteriorated surfaces should be primed with a stabilizing primer like **ECOPRIMER** or **PROMAR® MASONRY CONDITIONER** and allowed to dry before painting.

### APPLICATION

**Thinning/Cleaning:** Tap water

**Application tools:** Brush, Roller, or Airless spray.

**Application Temperature:** **LOXON®** can be applied at ambient temperatures ranging from +5°C to +35°C and at a relative humidity that does not exceed 80%.

Stir well before use. **LOXON®** should be diluted with tap water at a ratio of up to 10% by volume. Mixing should be done with a low-speed mixer until a homogeneous and uniform mixture is achieved. For interior surfaces being painted for the first time, and depending on the chosen colour, **LOXON®** is applied in 2-3 coats after an appropriate primer has been applied. For exterior surfaces being painted for the first time, after the appropriate primer has been applied, **LOXON®** is applied in a minimum of 3 coats. The 3 coats, with a coverage of 13 – 15 m<sup>2</sup>/L, will provide a dry film thickness of ≈ 75 µm (≈ 3 mils), with characteristics as mentioned above in the **TECHNICAL SPECIFICATIONS** table. A dry paint film thickness less than 75 µm (≈ 3 mils) will not provide the maximum possible protection.

### SUITABLE PRIMERS

**ECOPRIMER:** Clear, water-based primer for general use on interior and exterior surfaces.

**PREPRITE® 200:** White or tinted water-based primer, suitable for interior surfaces that require higher hiding power or colour change.

**PROMAR® MASONRY CONDITIONER:** Clear, deep-penetrating, solvent-based primer, for porous or slightly deteriorated interior or exterior surfaces.

**ALKALI RESISTING PRIMER:** White, solvent-based primer for interior surfaces with a high pH level (up to 12) or surfaces that require blocking against salt efflorescence, smoke stains, oils, etc.

### NOTES/LIMITATIONS:

- Use only fresh, clean, tap water for mixing.
- Do not exceed the recommended dilution ratio. Any deviation from the recommended dilution ratio may negatively affect the properties and colour of the product.
- Avoid applying **LOXON®** in areas with extreme weather conditions (strong wind, direct exposure to sunlight, freezing, etc.).
- Do not apply the product when rain or high humidity is expected within 24 hours of application.
- Do not wash the surface unless at least 30 days have passed since the completion of the paint application.

**Cleaning of Tools:** Remove as much paint as possible from tools and clean immediately with water and detergent solution.

**PACKING:** 1L, 4L, 8L, 16L.

**COLOUR RANGE:** Please refer to Sherwin-Williams® fan deck.

**STORAGE:** Store in a dry place, away from extreme temperatures, and avoid direct exposure to sunlight. Close the container tightly after use. Do not store a product that has already been diluted.

### Health and Safety Measures

- Wear protective gloves.
- Keep out of reach of children.
- If medical advice is needed, have product container or label at hand.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- IF SWALLOWED: immediately call POISON CENTER Tel: 1401 or seek medical advice.
- IF INHALED: remove person to fresh air and keep comfortable for breathing.
- If experiencing respiratory symptoms: call POISON CENTER Tel: 1401 or seek medical advice.
- It contains 1,2-Benzisothiazol-3(2H)-one and 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1).
- May produce an allergic reaction.
- Apply only in well-ventilated areas.
- Do not empty into drains.
- Avoid release to the environment.
- For more information, please refer to the Product's Safety Data Sheet.

### WASTE MANAGEMENT

Do not empty surplus paint into drains, and do not dispose together with household refuse. Advice regarding disposal and collection should be sought from the local authorities.

**Note 1:** The Sherwin-Williams® product range is manufactured in Cyprus by Peletico Ltd, under license from the Sherwin-Williams® Company, Cleveland, Ohio USA, owner of the Registered\* Trademarks.

**Note 2:** The information supplied in our literature or given by our employees, agents or distributors concerning the use of our products is based upon extensive experience and given in good faith in order to help you. We guarantee the consistent high quality of our products; however, as we have no control over site conditions of the executions of work, we cannot accept any liability for any loss or damage, which may arise as a result thereof.



**Be a Creator**

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