



**High Solar Reflective  
Elastomeric Coating  
High performance,  
Textured finish,  
Crack-bridging**

**Energy Savings  
Thermal Comfort  
Weather Resistance  
Long Term Protection**

**POWER FLEX  
TEXTURED  
WALL  
COATING**

**For Building Envelope  
and Concrete  
Protection**

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**A premium quality, 2 component, waterbased, polyurethane paint for exterior walls and concrete protection, with textured finish and crack bridging ability.**

### **Features and benefits**

- Crack Bridging -Able to cover hairline cracks and accommodate forthcoming hairline cracks on concrete walls and structures.
- UV Protected colours - Colours last two times longer than other exterior paints.
- Low Dirt Pick Up - Paint film resists dirt pick up from the environment.
- Anti Algae & Anti Fungal - Long lasting protection against fungus and algae in tropical climates.
- Breathable -Allows water vapor to pass through while blocking transmission of liquid water.

# **Power Flex Textured**

## **We Can Make the World Cooler!**

**Power Flex Textured** for masonry and concrete is an excellent quality, low emitting decorative and protective elastomeric coating with high solar reflective properties. It forms an extremely high reflective surface that blocks the incoming solar radiation and remains cooler, contributing to the saving of energy for cooling needs. An improved coating composition allows the application on vertical surfaces where optimum sag control and early dirt pick up resistance is critical. It retains its elasticity, even in low temperatures ranging between -20°C to 80°C, covers completely all existing hairlines or small cracks and withstands in difficult weather conditions such as rain, snow, UV radiation. It prevents mould and green spots. Power Flex Textured allows the formation of a very pleasant textured finish on walls.

## COOL BARRIER TECHNOLOGY Enhance Quality of Life

### Special Characteristics

- ✓ Saves energy by reducing the needs for cooling
- ✓ Contributes to “Urban Heat Island” mitigation
- ✓ Mitigates the consequences of the Global Warming phenomenon
- ✓ Creates thermal comfort conditions
- ✓ Saves money by reducing the billing costs for energy
- ✓ Environmentally and user friendly

Typical Data		
<b>Volume Solids</b>	ASTM D 2697	60,00%
<b>Weight Solids</b>	ASTM D 1644	75,00%
<b>Tensile strength (mPa)</b>	at -20 °C:	2,8
	at +23 °C:	0.6
<b>Elongation</b>	at -20 °C:	20%
	at +23 °C:	21%
<b>Fungi Resistance</b>	ASTM G21	Zero Rating
<b>Density of mixed product (a_b)</b>		1.60 -1,62

**Suitable Substrates:** It is suitable for every kind of new or old mineral substrate, ceramic and concrete surfaces. For other substrates please ask for technical details.

**Colors:** It is available in a standard white and in a number of shades through Abolin Cool Barrier Colors Palette.

**Consumption Rates:** For an excellent performance 2 – 3 m<sup>2</sup> per litter must be obtained.

**Surface preparation, Primer and Agent systems:** Surfaces must be clean, dry and free from all defective and poorly adhering materials, dirt, grease and salts. Before working with Cool Barrier Coating systems a thorough power wash with water of the surface with commercial power washer, between 2500 - 3500 psi is highly recommended. If you are going to apply the Power Flex coating as the final top coating system, apply first the recommended Hydrophobic agent and/or primer system by Abolin Co for the specific surface and then apply the needed coats of Power Flex.

**Recommended Primers:** Cool Barrier Grip, Cool Barrier Grip Nano.

**General:** Power Flex should be applied at a minimum of 8-10 dry mil thickness in one or two layers/passes. Allow adequate time between passes before applying the following coat, usually two to four hours under normal conditions. Always ensure that proper adhesion between the coating and the substrate has been achieved.

**Power Flex should be NOT be applied:**

- At temperatures below 5°C (or 40°F).
- At very high (>90%) relative humidity or when rain has already begun or is expected during the next 24 hours.
- When impending rain is expected to last more than one hour.

**Drying Time and recoatability:** Touch dry during summer season after 6 hour and recoatable after 24 hours. Drying time depends on weather conditions and can be quite different in accordance to conditions of humidity or temperature.

**Packaging. This a two component product:**

Component A: 10 lit (liquid)

Component B: 2,5 lit (Dry)

**Storage:** 6 months under appropriate storage conditions

**Application method & Thinning Rates:** Prior use, mix the two components in a separate plastic bucket, by adding gradually the B component (dry) into A component (liquid), using a low speed stirrer. Use a honeycomb roller to achieve a textured orange peel or a more rough effect.

**VOC's Classification:** EU limits value for this product (cat A/c): 75 g/l (2007) and 40 g/l (2010). This product contains max 30 g/l VOC.

**Safety and Health Information:** Follow instructions and recommendations of the MSDS.

**Drying times**

Drying times are generally related to air circulation, temperature, film thickness and number of coats, and will be affected correspondingly. The figures given in the table are typical with:

- Good ventilation (Outdoor exposure or free circulation of air)
- Typical film thickness
- One coat on top of inert substrate

The given data must be considered as guidelines only. The actual drying time and time before re-coating may be shorter or longer, depending on the ambient temperature, film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc. Recommended data given is, for recoating with the same generic type of paint.

1. In case of multi-coat application, drying times will be influenced by the number and sequence and by the total thickness of previous coats applied.
1. The surface should be dry and free from any contamination prior to application of the subsequent coat.

**Relative Humidity (RH) 50 %**

<b>Substrate temperature</b>	<b>10 °C</b>	<b>23 °C</b>	<b>40 °C</b>
<b>Surface (touch) dry</b>	4 h	2 h	1 h
<b>Hard dry</b>	12 h	8 h	6 h
<b>Dry to over coat, minimum</b>	8 h	4 h	2 h

**LIMITATION OF LIABILITY**

The information in this data sheet is based upon laboratory tests we believe to be accurate and is intended for guidance only. All recommendations or suggestions relating to the use of the Coatings products made by Abolin Co, whether in technical documentation, or in response to a specific enquiry, or otherwise, are based on data which to the best of our knowledge are reliable. The products and information are designed for users having the requisite knowledge and industrial skills and it is the end-user's responsibility to determine the suitability of the product for its intended use. Abolin Co has no control over either the quality or condition of the substrate, or the many factors affecting the use and application of the product. Abolin Co Coatings does therefore not accept any liability arising from loss, injury or damage resulting from such use or the contents of this data sheet (unless there are written agreements stating otherwise). The data contained herein are liable to modification as a result of practical experience and continuous product development. This data sheet replaces and annuls all previous issues and it is therefore the user's responsibility to ensure that this sheet is current prior to using the product. The English text of this document shall prevail over any translation thereof.

The management system has been certified according to EN ISO 9001  
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