

PRODUCT DESCRIPTION

PlekoBarr F is a single component fluid applied Air & Water Resistive Barrier made of specially designed elastomeric synthetic polymer that cures to a tough breathable monolithic membrane. PlekoBarr F is applied to external walls to eliminate air infiltration and provides a superior seamless protection against water penetration and is self-sealable. Also used in conjunction with mesh to seal substrates around windows, doors and other openings.

USES

Designed to provide excellent secondary protection behind Pleko EIFSsystems as well as other building cladding systems. The flexible thick film formed adapts to substrate movements.

Recommended to use in conjunction with PlekoMesh or Pleko Chopped Fiber Mat and PlekoBarr T to achieve best in class Air & Water Resistive Barrier.

APPROVED SUBSTRATES

Can be applied over concrete block, poured and precast concrete, lightweight panels, exterior gypsum sheathing, fiber cement boards, plywood, OSB, primed steel and many other common building materials.

PACKAGING

20Kg pail

COVERAGE

Approx. 1.25 Kg/m²/mm depending on substrate conditions and application method.
Manufacturer does not warrant square meter coverage, which can vary greatly according to application techniques.

PROPERTIES

- **Ready-to-use Product**
- **Roller, Brush or Spray Application**
- **Seamless, Elastomeric Membrane**
- **Highly Flexible, Cracks Bridging**
- **Breathable**
- **Low VOC, Environmental Friendly**
- **Fungus and Mold Resistant**

Color

Light blue, cures to medium blue.

ADHESION

Excellent adhesion to approved, properly prepared substrates.

DRYING TIME

Dries in approximately 2 to 4 hour, complete drying after 24hours. Allow 2-4 hours between coats, 10-12 hours prior to EIFS Adhesive application. Drying time can be greatly affected by temperature, wind and humidity

INSTALLATION

SUBSTRATE PREPARATION

Surface must be sound, clean, dry, free of bond-inhibiting materials such as paint, grease, oil, efflorescence, form release agents and curing compounds. Concrete and mortars should have been sufficiently cured in a way that any shrinkage has already occurred. Honeycomb and cracks should be repaired with Pleko line of grouts or mortars. Sheathing boards shall be flush at joints, and

securely fastened to the structure with proper fastener type, technique and spacing according to building code and sheathing manufacturer's requirements. Sheathing boards shall be repaired or replaced if inspection reveals moisture or mechanical damage.

MIXING

Mix thoroughly until uniform consistency taking special care to avoid excessive up and down motion with drill and blade. Too much vertical motion will introduce air into the Finish and may inhibit proper curing.

APPLICATION

Can be applied using brush, roller or spray. For best results apply multiple coats for a minimum 0.8 to 1.2 mm total thickness. Allow 1-2 hours between coats. PlekoBarr F should be applied in a uniform, continuous film, free of voids and pinholes.

Around openings application should be done with Pleko Detail Mesh or Pleko Chopped Fiber Mat by applying thick layer of PlekoBarr F and immediately embedding mesh; once dry apply another coat to ensure a complete, void-free membrane of minimum of 1.5 mm thick. Overlap mesh at least 6cm.

LIMITATIONS

Apply only to unfrozen surfaces above 4 °C (40°F). Maintain minimum 4 °C (40°F) ambient temperature for 24 hours after application. Do not allow to freeze. Do not use where negative hydrostatic pressure is apparent. Not intended for ponds and pools Do not apply under direct extreme sunlight or on excessively hot substrate. Protect from direct sunlight, wind and rain during application Do not mix with any additive or product unless recommended by Pleko.

Pleko bears no responsibility for the defects due to the improper or non-recommended use of the product.

CLEANING

While still fresh, soluble in water. Clean all equipment with water immediately after use. After hardening, tools should be cleaned mechanically.

SHELF LIFE

24 Months

STORAGE

Store in cool, dry, well-ventilated area, protected from freeze, heat and direct sunlight and at a temperature between 4°C (40°F) and 38°C (100°F), in tightly sealed original container. For prolonged storage it is recommended to periodically turn pails upside down to avoid sedimentation.

HEALTH AND SAFETY

Avoid contact with eyes and skin. Prevent inhalation of dust. For detailed information refer to relevant material safety data sheet.

Attention

This product is intended for use by qualified professional contractors, as a component of a larger construction system and specification. It should be installed in accordance with given instructions and specifications. Information listed above reflects the criteria for our internal quality test and practical experience. Results depend on listed instructions and consumer skills and are therefore out of our responsibility whether expressed or implied. All values are valid for the product when dispatched from the plant. Technical data are generated under laboratory conditions, some variations are expected due to weather, site, and application conditions which are beyond the control of the manufacturer. We reserve the right to change any given specification without notice.