



WeTraffic 496 BX

Unpigmented Enhanced Parking Structure Resin

Refer to **Wecryl 488 Color System** data sheet for color selection information.

Product No. 1005266 - 13.6 kg quantity

PRODUCT DESCRIPTION

WeTraffic 496 BX is a two-component, rapid-curing polymethyl methacrylate (PMMA) surfacing system developed for parking applications subjected to high traffic volume and frequent vehicle turnover. The system provides a seamless, skid-resistant wearing surface with enhanced durability against abrasion, repetitive vehicular loading, turning forces, chemical exposure, and weathering.

Ideal for high-demand parking environments, WeTraffic 496 BX combines long-term performance with rapid cure times that help reduce facility downtime and operational disruption.

SUBSTRATE PREPARATION

All substrates must be clean, dry, and free of any condition that may be detrimental to adhesion of resin to the substrate. Refer to WestWood's **Substrate Preparation Guide** for specific recommendations and requirements.

MIXING AND CATALYZING

Using a low-speed (200-400 rpm) mechanical agitator, thoroughly mix the entire container of resin for three minutes prior to catalyzation, fully incorporating any settled aggregate or pigment. Remix before each subsequent use and prior to portioning material into a separate container for batch mixing purposes. Catalyze only the amount of material that can be applied within 20 minutes. Add proper amount of catalyst (determined by resin weight and ambient temperature - refer to information at right) to resin and stir for two minutes.

APPLICATION

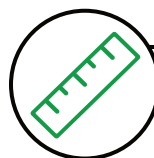
Apply catalyzed resin to clean and prepared surface at required consumption using a notched squeegee, avoiding excess application. After initial resin application, roll resin in one direction, then roll in the cross direction to obtain a uniform finish.



PRODUCT PACKAGING QUANTITY

13.6 KG resealable cans

Delivered as 15-kg quantity after addition of selected color pigment.



COVERAGE RATE [per pigmented 15-kg quantity]

Standard surface (CSP 2-4)

90.0 ft²

0.17 kg/ft² (1.8 kg/m²)



WORKING TIMES [at 68°F (20°C)]¹

Pot life
10
minutes

Rainproof
30
minutes

Next application
45
minutes



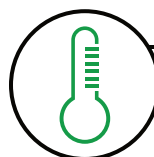
CATALYST QUANTITIES [per 1 kg of resin]

37-41°F (3-7°C)
3
SCOOPS²

42-59°F (7-15°C)
2
SCOOPS²

60-85°F (15-30°C)
1.5
SCOOPS²

86-105°F (30-40°C)
1
SCOOP²



APPLICATION TEMPERATURES

AMBIENT TEMP.
37-95°F
(3-35°C)

SUBSTRATE TEMP.³
37-104°F
(3-40°C)

PRODUCT TEMP.
37-86°F
(3-30°C)

1. Times noted are approximate and are provided as a guideline. Actual set times and cure times should be established based on location and actual field conditions.

2. A scoop is defined as a level quantity in a 0.01 kg scooping spoon provided by WestWood.

3. Substrate temperature must be at least 5°F above the dew point during application and curing.

WeTraffic 496 BX

STORAGE

Always store in cool and dry location. Do not store in direct sunlight or in temperatures below 32°F (0°C) or above 77°F (25°C). Approximate shelf life is 12 months from date of shipment when properly stored, sealed, and unmixed.

HANDLING

Keep away from open fire, flame or any ignition source. Vapors may form explosive mixture with air. Avoid skin and eye contact with this material. Avoid breathing fumes. Do not eat, drink or smoke in area of application. Refer to product's Safety Data Sheet (SDS) for additional information pertaining to this product and prior to use or handling.

DISPOSAL

Catalyzed and cured resin may be disposed of in standard landfills. Uncured resin is considered a hazardous material and must be handled as such, in accordance with local, state, and federal regulations.

PERSONAL PROTECTIVE EQUIPMENT

Workers should wear appropriate clothing to protect from accidental skin contact. When mixing or applying this product, workers must use butyl rubber or nitrile gloves. Safety glasses with side shields are required for eye protection.

In enclosed spaces, use local exhaust ventilation to maintain worker exposure below Threshold Limit Values (TLV). If the airborne concentration poses a health hazard, become irritating, or exceeds recommended limits, use a NIOSH approved respirator in accordance with OSHA Respirator Protection requirements under 29 CFR 1910.134. The specific type of respirator will depend on the airborne concentrations. A filtering face piece or dusk mask is not acceptable for use with this product if TLV filtering levels have been exceeded.

PHYSICAL & MECHANICAL PROPERTIES

Physical Property (as installed)	ASTM Test	Value
Weight solids, %	D1644	96.8
Elongation, %	D412	25
Tensile Strength, psi	D412	664
Shore A Hardness	D2240	100
Water Absorption, %	D570	0.16
Abrasion Resistance - Weight Loss, mg	D4060	142
Abrasion Resistance - Wear Index, mg	D4060	0.1
Adhesion, psi	D4541	348