WestWood®
USA

WeTraffic 491

Also known as **ALT WeTraffic R491**

Please refer to **Wecryl 488 Pigment** *product data sheet for color selection information.*

Product No. 1009011 - Unpigmented (14.35 kg quantity)
Product No. 1005016 - NYC Green [RAL 6021]

Custom colors available upon request, subject to special order quantity and pricing.

PRODUCT DESCRIPTION

WeTraffic 491 is a two-component, rapid-curing, polymethyl methacrylate (PMMA) resin with internally mixed aggregate that provides a non-skid trafficable finish surface and is suitable for use as a colored road marking application for bicycle lanes, walkways, and other areas with pedestrian traffic.

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 before catalyzing, fully incorporating any settled aggregate. If batch mixing, pour off into another container. Only catalyze the amount of material that can be used within 10-15 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 flat trowel, avoiding excess application. After initial resin application, backroll resin with approved roller to obtain a uniform finish.

PRODUCT PACKAGING QUANTITY

15 KG resealable cans

COVERAGE RATE [per 15-kg quantity]

Standard surface (CSP 2-4)	Course surface (CSP 5-6)
92.0 ft²	**72.0 ft²**
0.16 kg/ft² (1.7 kg/m²)	0.2 kg/ft² (2.2 kg/m²)

WORKING TIMES [at 68°F (20°C)] [1]

Pot life	Rainproof	Next application
10 minutes	**20** minutes	**45** minutes

CATALYST QUANTITIES [per **1 kg** of resin]

37-59°F (3-15°C)	60-85°F (15-30°C)	85-105°F (30-40°C)
2 SCOOPS [2]	**1.5** SCOOPS [2]	**1** SCOOPS [2]

APPLICATION TEMPERATURES

AMBIENT TEMP.	SUBSTRATE TEMP. [3]	PRODUCT TEMP.
37-95°F (3-35°C)	**37-95°F** (3-35°C)	**32-77°F** (0-25°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 491

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	85.4
Elongation, %	D412	53
Tensile Strength, psi	D412	275
Shore A Hardness	D2240	97
Water Absorption, %	D570	0.15
Abrasion Resistance	D4060	137
Adhesion, psi	D4541	329
Slip Resistance, dry	E303	97
Slip Resistance, wet	E303	68