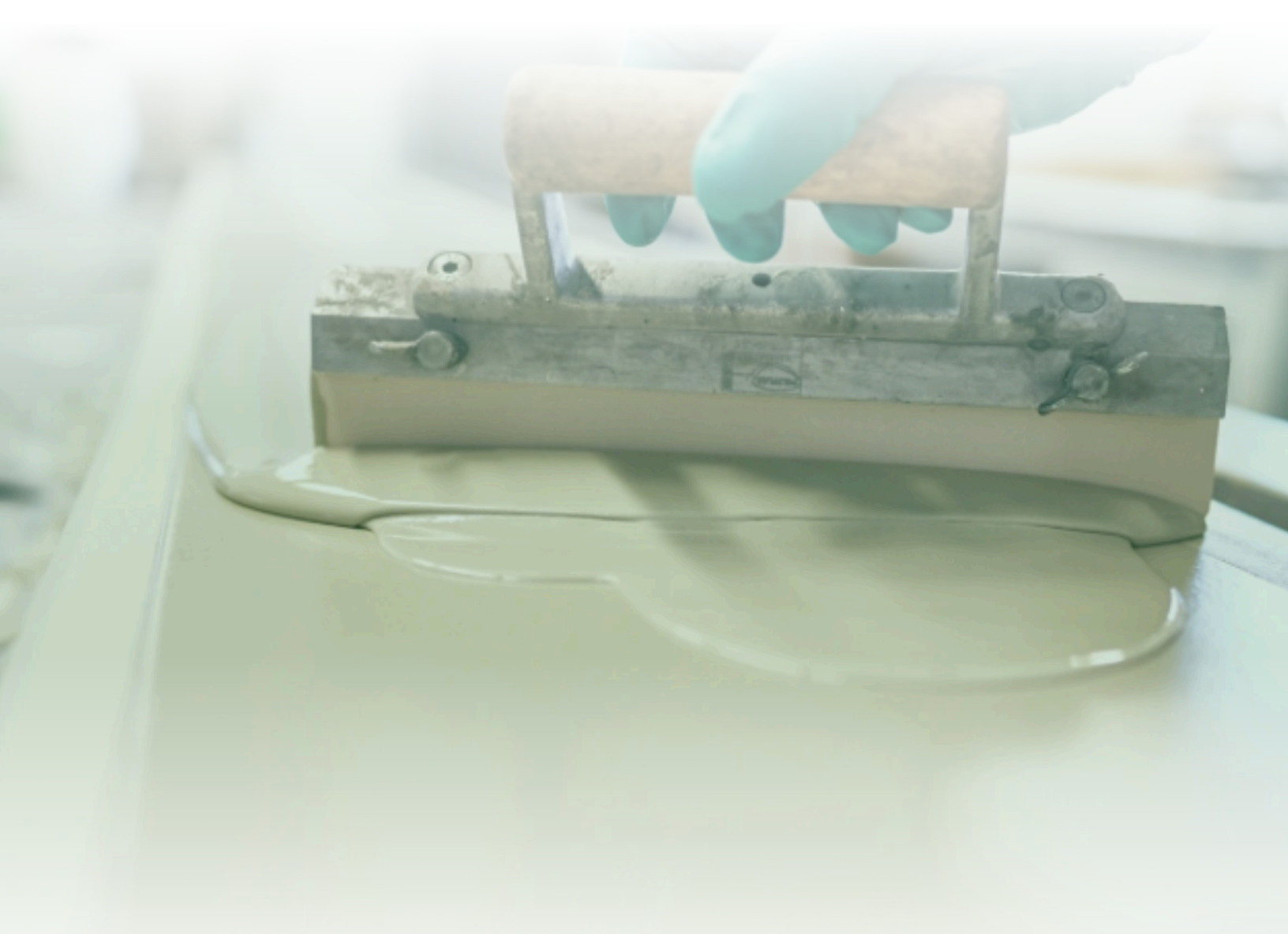




SYSTEM REFERENCE GUIDE



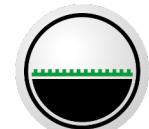
ROOFING SOLUTIONS



WATERPROOFING



FLASHING SOLUTIONS



TRAFFICABLE SURFACES

PMMA LIQUID-APPLIED SOLUTIONS

westwood-usa.com | solutions@westwood-usa.com | 973.287.6158

The flexibility and adaptability of WestWood PMMA systems make them ideal for many roofing challenges, including new construction, tear-off applications, and existing roof recovery.

WestWood's versatile systems are engineered to fit a wide range of roofing applications, from traditional insulated assemblies and inverted roof (IRMA) systems to direct-to-deck applications, vegetative roofs, existing asphalt systems (SBS, APP, BUR), and flashing-only solutions.

Direct-to-Deck Roofing System

Assembly:

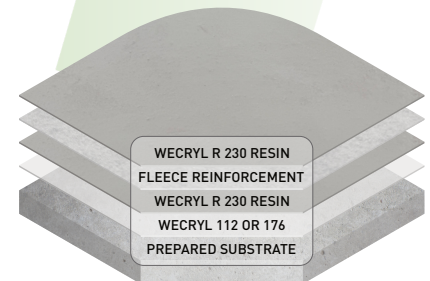
Prepared substrate¹

Wecryl 112 or 176 Primer (as necessary)

Wecryl R 230 Resin with WestWood Fleece reinforcement

Wecryl R 230 Resin

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details



Direct-to-Deck Roofing System with Custom Color

Assembly:

Prepared substrate¹

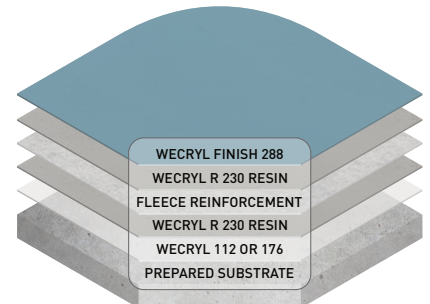
Wecryl 112 or 176 Primer (as necessary)

Wecryl R 230 Resin with WestWood Fleece reinforcement

Wecryl R 230 Resin

Wecryl 488 Color Finish

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details



Insulated Roofing System

Assembly:

Prepared substrate¹

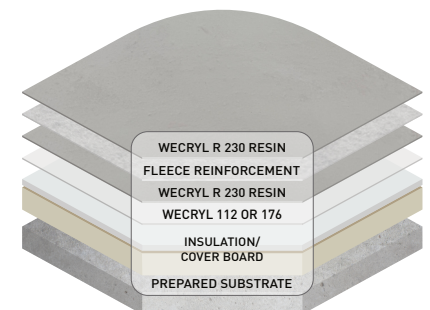
Specified insulation and cement cover board

Wecryl 112 or 176 Primer (as necessary)

Wecryl R 230 Resin with WestWood Fleece reinforcement

Wecryl R 230 Resin

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details



Inverted (IRMA) Roofing System

Assembly:

Prepared substrate¹

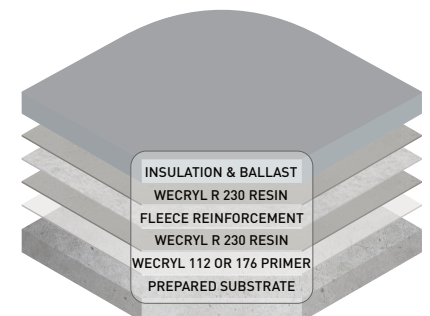
Wecryl 112 or 176 Primer (as necessary)

Wecryl R 230 Resin with WestWood Fleece reinforcement

Wecryl R 230 Resin

Insulation and ballast assembly

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details



¹ Refer to WestWood's [Substrate Preparation & Priming Guidelines](#) for specific recommendations and requirements.

HYBRID ROOF SOLUTIONS

WePly SBS-modified Membrane Systems

WestWood's WePly SBS-modified bitumen membranes are designed to work seamlessly with our advanced Wecryl PMMA liquid-applied systems and offering the best of both worlds: the durability of sheet-applied membranes and the unparalleled performance of PMMA applications.

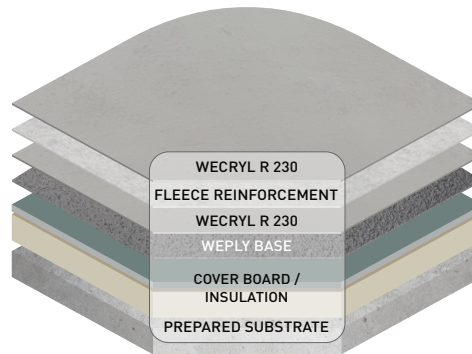
WestWood's hybrid assemblies offer numerous configurations to meet the needs of your structure, offering durability, flexibility, and long-term protection tailored to the demands of modern roofing and waterproofing.

Standard SBS & PMMA Roofing System

Assembly:

- Prepared substrate¹
- Specified insulation and cover board
- WePly Base (torch-applied or self-adhered)
- Wecryl R 230 Resin with WestWood Fleece reinforcement
- Wecryl R 230 Resin

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details



WePly Base / Wecryl R 230

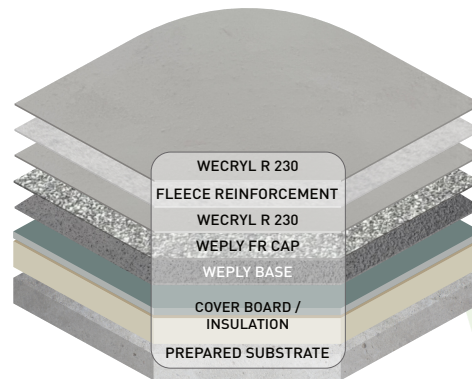
Combining the benefits of SBS membrane protection with a seamless and fully reinforced PMMA liquid-applied application.

Premium SBS & PMMA Roofing System

Assembly:

- Prepared substrate¹
- Specified insulation and cover board
- WePly Base (torch-applied or self-adhered)
- WePly FR Cap (torch-applied)
- Wecryl R 230 Resin with WestWood Fleece reinforcement
- Wecryl R 230 Resin

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details



WePly Base / WePly Cap / Wecryl R 230

Our premium system, featuring two plies of SBS coupled with a seamless and fully reinforced PMMA liquid-applied application.

¹ Refer to WestWood's WePly Technical Guide and Substrate Preparation & Priming Guidelines for specific recommendations and requirements regarding proper surface preparation of roofing membrane.



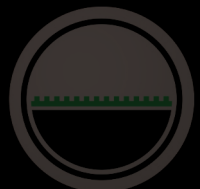
ROOFING SOLUTIONS



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TRAFFICABLE SURFACES



ROOFING SOLUTIONS

WePly

SBS Solutions by WestWood

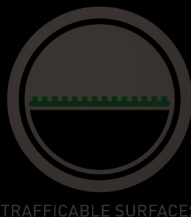
WestWood®

WATERPROOFING

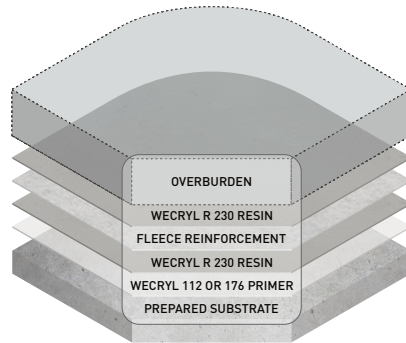


Waterproofing applications must meet the highest standards since failures in these environments will often lead to costly repairs. WestWood's PMMA technology provides a flexible and durable membrane that can accommodate post-build settlement while withstanding the load-bearing stresses that can exist in buried applications, including green roof plantings.

Vegetative roof systems are increasingly popular for their environmental benefits, so the design and installation of a resilient waterproofing assembly is paramount. Thanks to WestWood's FLL-certified root resistance, cold-applied PMMA waterproofing can integrate seamlessly with inverted warm roof designs, ensuring protection beneath the insulation layer and eliminating risks posed by these types of installations.



Direct-to-Deck Waterproofing System



Assembly:

Prepared substrate¹

Wecryl 112 or 176 Primer (as necessary)

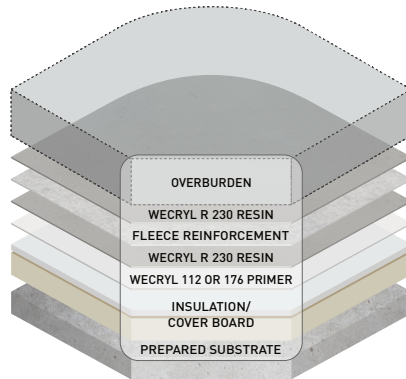
Wecryl R 230 Resin with WestWood Fleece reinforcement

Wecryl R 230 Resin

Overburden assembly (vegetative, pedestal paver, etc.)

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details

Insulated Waterproofing System



Assembly:

Prepared substrate¹

Specified insulation and cement cover board

Wecryl 112 or 176 Primer (as necessary)

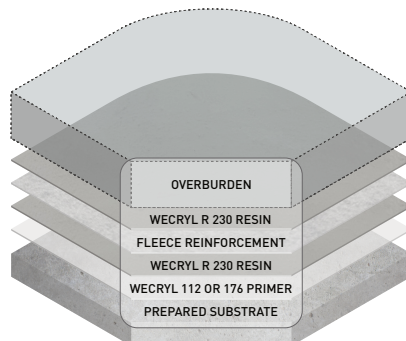
Wecryl R 230 Resin with WestWood Fleece reinforcement

Wecryl R 230 Resin

Overburden assembly (vegetative, pedestal paver, etc.)

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details

Inverted (IRMA) Waterproofing System



Assembly:

Prepared substrate¹

Wecryl 112 or 176 Primer (as necessary)

Wecryl R 230 Resin with WestWood Fleece reinforcement

Wecryl R 230 Resin

Overburden assembly (insulation/ballast, vegetative, etc.)

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details

¹ Refer to WestWood's Substrate Preparation & Priming Guidelines for specific recommendations and requirements.

WECRYL 240

EFFECTIVE NON-REINFORCED VERSATILITY

WestWood's Wecryl 240 waterproofing system offers a rapid-curing, seamless solution for a wide range of waterproofing needs - without the labor or challenges of fabric reinforcement.

Built on a revolutionary PMMA formulation, this non-reinforced system simplifies installation while maintaining high-performance standards. Wecryl 240's liquid-applied, monolithic application eliminates seams and overlaps, reducing the risk of leaks and ensuring long-term durability. Designed for speed, simplicity, and dependability, Wecryl 240 is the ideal choice when efficiency matters and project timelines are tight.

Wecryl 240 Waterproofing System

Assembly:

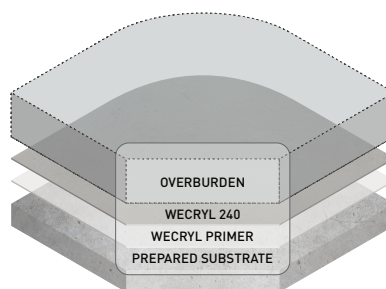
Prepared substrate¹

Wecryl 112 or 176 Primer (as necessary)

Wecryl 240 Resin

Overburden assembly

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details



Wecryl 240 Hybrid Waterproofing System

Assembly:

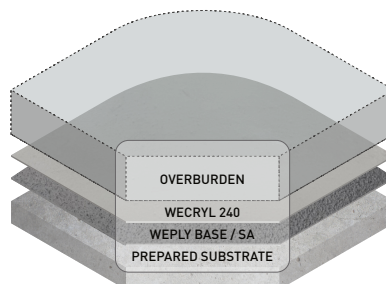
Prepared substrate¹

Specified insulation and cover board

WePly Base (torch-applied or self-adhered)

Wecryl 240 Resin

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details



Wecryl 240 Trafficable Surface System

Assembly:

Prepared substrate¹

Wecryl 112 or 176 Primer (as necessary)

Wecryl 240 Resin

Wecryl 337 Mortar

WeTraffic 491, WeTraffic 492, WeTraffic 496 or WeTraffic 496 BX

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details



¹ Refer to WestWood's WePly Technical Guide and Substrate Preparation & Priming Guidelines for specific recommendations and requirements regarding proper surface preparation of roofing membrane.



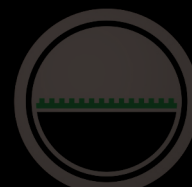
ROOFING SOLUTIONS



WATERPROOFING



FLASHING SOLUTIONS



TRAFFICABLE SURFACES



WATERPROOFING

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WestWood®

Roofing and waterproofing leaks often stem from such problems as vulnerable or complicated details, improper terminations, neglected caulking, open seams, or failing penetration pockets. At WestWood, we embrace innovation and adaptability to deliver seamless, maintenance-free flashing systems compatible with most traditional low-slope membrane roofing technologies, including SBS, TPO, PVC, and more.

Flame-free and easy to apply, WestWood flashing systems effortlessly provide self-terminating waterproofing solutions for complicated details. No matter the complexity of a penetration, WestWood PMMA systems are designed to adapt and provide durable, long-term solutions you can rely on.

Flashing Application to SBS-Modified Roofing System

Assembly:

Granulated SBS-modified bitumen cap membrane¹

Vertical application²:

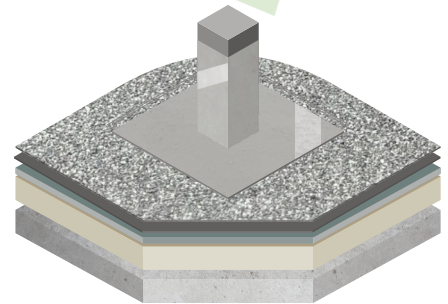
Wecryl R 230 Thixo with fleece reinforcement

Wecryl R 230 Thixo

Horizontal target patch application²:

Wecryl R 230 Thixo with fleece reinforcement

Wecryl R 230 Thixo



Flashing Application to PVC Roofing System

Assembly:

PVC membrane (attached/fastened per manufacturer's instructions)¹

Vertical application²:

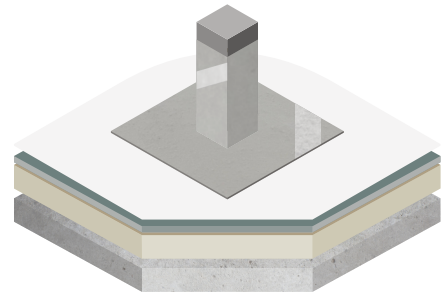
Wecryl R 230 Thixo with fleece reinforcement

Wecryl R 230 Thixo

Horizontal target patch application²:

Wecryl R 230 Thixo with fleece reinforcement

Wecryl R 230 Thixo



Flashing Application to TPO Roofing System

Assembly:

TPO membrane (attached/fastened per manufacturer's instructions)¹

Wethan 109 TPO Primer

Vertical application²:

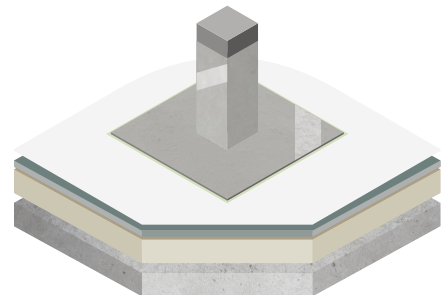
Wecryl R 230 Thixo with fleece reinforcement

Wecryl R 230 Thixo

Horizontal target patch application²:

Wecryl R 230 Thixo with fleece reinforcement

Wecryl R 230 Thixo



Square post penetration is used for illustrative purposes only. WestWood PMMA liquid applied systems can conform to nearly any geometry. Contact the WestWood technical department with any challenges - technical@westwood-usa.com.

¹ Refer to WestWood's **Substrate Preparation & Priming Guidelines** for specific recommendations and requirements regarding proper surface preparation of roofing membrane.

² Refer to WestWood details regarding proper flashing sequencing and application.



OVER TWENTY-FIVE YEARS OF
PIONEERING AND INNOVATING
RAPID-CURING PMMA SOLUTIONS



WestWood®



westwood-usa.com

solutions@westwood-usa.com

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BALCONY / TERRACE

Speed is vital for balcony and terrace applications, as minimizing disruption to the owner or tenant is always beneficial. WestWood PMMA systems offer unmatched performance and versatility, in addition to rapid curing properties. Rainproofing can be achieved in less than 30 minutes, ensuring quick turnaround times, even in challenging conditions.

WestWood PMMA applications resist substrate migration, ensuring long-lasting durability while delivering superior aesthetics in an extensive range of RAL colors – offering a seamless and visually stunning solution for any balcony or terrace project.

APPLICATIONS OVER UNOCCUPIED / NON-CONDITIONED SPACE¹:

Balcony / Terrace Application

Assembly:

Prepared substrate²

Wecryl 176 Primer

WeTraffic 491

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details



Heavy Duty Balcony / Terrace Application

Assembly:

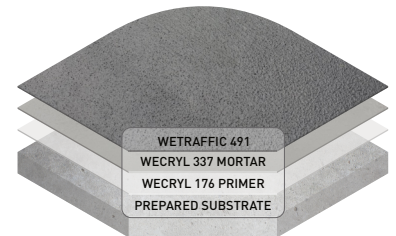
Prepared substrate²

Wecryl 176 Primer

Wecryl RS337 Mortar

WeTraffic 491

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details



Heavy Duty Balcony / Terrace Application

Assembly:

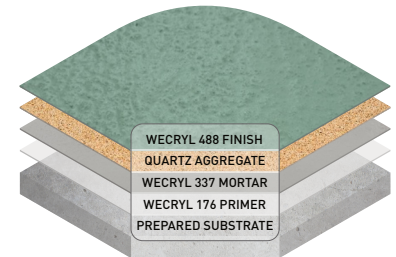
Prepared substrate²

Wecryl 176 Primer

Wecryl 337 Mortar w/Quartz Aggregate

Wecryl 488 Color Finish

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details



¹ For applications over occupied and conditioned space, an application of Wecryl 240 is required after Wecryl 176 Primer application.

² Refer to WestWood's **Substrate Preparation & Priming Guidelines** for specific recommendations and requirements.

Colors shown are for illustrative purposes only and nearly any RAL color can be manufactured. Lead times may apply.

TRAFFICABLE SURFACES



TRAFFICABLE SURFACES



FLASHING SOLUTIONS



WATERPROOFING



ROOFING SOLUTIONS

TRAFFICABLE SURFACES

WestWood's WeTraffic surfacing solutions are specifically designed for roadway applications, offering exceptional abrasion and skid resistance while extending the functional life of the underlying road surface. Thanks to its advanced PMMA chemistry, WeTraffic enables rapid-curing applications, minimizing roadway and facility downtime.

A growing infrastructure trend is the utilization of color-marked road surfaces. WeTraffic systems provide safety benefits by clearly defining and highlighting special zones and road lanes. This color identifier can positively influence driving behavior while also enhancing safety for pedestrians and cyclists. WeTraffic applications are fully customizable and offer a nearly limitless range of road marking colors and textures, allowing for creative and effective traffic management solutions tailored to every environment.



Bus Lane Marking

Assembly:
Prepared substrate¹
WeTraffic 492



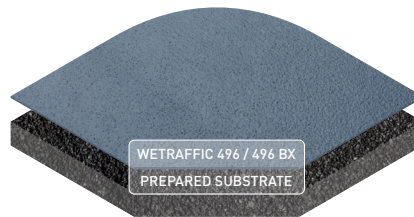
Pedestrian / Bike Lane Marking

Assembly:
Prepared substrate¹
WeTraffic 491



Pedestrian Crossing / Road Lines

Assembly:
Prepared substrate¹
WeTraffic 492



Parking Structure / Traffic Guidance

Assembly:
Prepared substrate¹
WeTraffic 496

¹Refer to WestWood's [Substrate Preparation & Priming Guidelines](#) for specific recommendations and requirements. Primer application is required over CONCRETE substrates. Asphalt surface substrates do NOT require primer. Colors shown are for illustrative purposes only and nearly any RAL color can be manufactured. Lead times may apply.



ROAD SURFACING



TRAFFICABLE SURFACES



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PARKING STRUCTURES

Parking deck installations not only require robust and efficient solutions but also demand minimal downtime. WestWood PMMA systems deliver on every front! With rapid curing times and the ability to bond directly to concrete substrates, WestWood systems are critical in reducing financial and operational impacts on clients and end-users. Whether it's a multi-story parking garage, underground facilities, or high-traffic ramps and entrances, WestWood's durable surfacing is engineered to withstand heavy-duty vehicular stress while providing a non-skid, abrasion-resistant finish.

WestWood partners with our approved contractor-partners, guiding each phase of the installation to ensure on-time completion and long-lasting results. Available in a wide range of RAL colors, WestWood PMMA solutions enhance both the functionality and aesthetics of vehicular traffic installations.



Parking Deck Application

Prepared substrate¹

Wecryl 176 Primer

WeTraffic 496 or WeTraffic 496 BX

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details



Enhanced Parking Deck Application:

Prepared substrate¹

Wecryl 176 Primer

Wecryl 337 Mortar

WeTraffic 496 or WeTraffic 496 BX

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details



Parking Deck Application with Waterproofing Layer²

Prepared substrate¹

Wecryl 176 Primer

Wecryl 240 Resin²

Wecryl 337 Mortar

WeTraffic 496 or WeTraffic 496 BX

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details



Parking Ramp Application

Prepared substrate¹

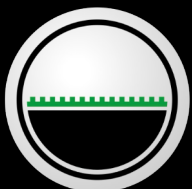
Wecryl 176 Primer

WeTraffic 492 or WeTraffic 496 BX

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details

¹ Refer to WestWood's **Substrate Preparation & Priming Guidelines** for specific recommendations and requirements. Colors shown are for illustrative purposes only and nearly any RAL color can be manufactured. Lead times may apply.
² For applications over occupied and conditioned space, an application of Wecryl 240 is required.

TRAFFICABLE SURFACES



TRAFFICABLE SURFACES



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TRAFFICABLE SURFACES

When time and durability matter, WestWood PMMA systems deliver unmatched performance in civil engineering and bridge deck applications. WestWood's advanced technologies offer rapid-curing solutions, minimizing downtime and potentially allowing for same-day traffic reopening. Designed for extreme durability, WestWood applications resist weathering, heavy loads, and chemical exposure, ensuring long-lasting protection and extending the lifespan of critical infrastructure. Whether for new construction or rehabilitation, WestWood systems provide cost-effective, high-performance solutions that keep projects on schedule and bridges safer for years to come.

Trafficable Bridge Deck Application

Assembly:

Prepared substrate¹

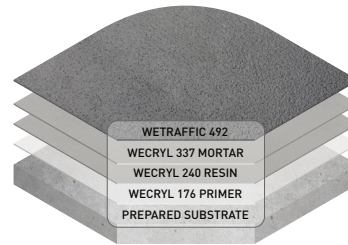
Wecryl 176 Primer

Wecryl 240 Resin

Wecryl 337 Mortar

WeTraffic 492²

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details



Bridge Deck Application with Asphalt Overburden

Assembly:

Prepared substrate¹

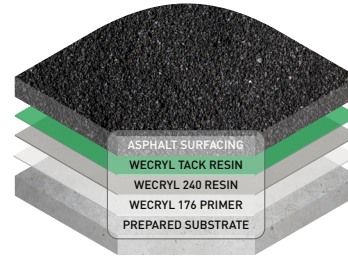
Wecryl 176 Primer

Wecryl 240 Resin

Wecryl Tack Resin

Asphalt overburden road surfacing

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details



Bridge Deck Application with Concrete Overburden

Assembly:

Prepared substrate¹

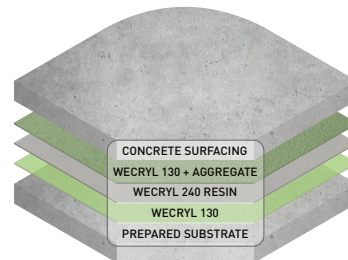
Wecryl 130 Primer

Wecryl 240 Resin

Wecryl 130 Primer + quartz aggregate

Concrete overburden road surfacing

Wecryl R 230 Thixo with WestWood Fleece for penetration and flashing details

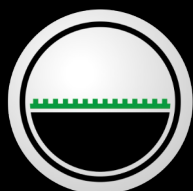


¹ Refer to WestWood's [Substrate Preparation & Priming Guidelines](#) for specific recommendations and requirements.

² Color shown is for illustrative purposes only and nearly any RAL color can be manufactured. Lead times may apply.



BRIDGE DECK



TRAFFICABLE SURFACES



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WestWood USA is committed to delivering high-quality, versatile, and durable PMMA liquid-applied solutions that provide seamless and effective protection across a wide range of applications. Our innovative systems are designed for long-term reliability and superior performance, ensuring lasting protection, efficiency, and exceptional value in every application.



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westwood-usa.com | solutions@westwood-usa.com | 973.287.6158



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