WestWood USA

ROOFING SOLUTIONS

QUICK-REFERENCE SPECIFICATION

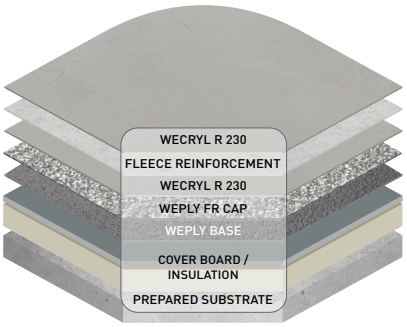
WEPLY HYBRID SYSTEMS [WWP002]

Section **07 56 00** - Fluid Applied Roofing

Premium Insulated Roofing System

Prepared substrate
WePly Base SBS base ply
WePly FR Cap granulated cap ply
Wecryl R 230 Resin with fleece reinforcement
Wecryl R 230 Resin

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



PRODUCT	WePly Base	WePly FR Cap	WECRYL R 230 THIXO	WECRYL R 230
Product quantity	39" x 49' roll	39" x 33' roll	10 kg	25 kg
Coverage rate per quantity [1]	147 ft^2	98 ft^2	39 ft^2	98 ft^2
Catalyst quantity required [2]	N/A	N/A	0.2 kg	0.5 kg
Pot life	N/A	N/A	20 minutes	20 minutes
Rainproof	N/A	N/A	30 minutes	30 minutes
Set time / next layer	N/A	N/A	60 minutes	60 minutes

[1] All coverage rates are approximate and may vary due to surface texture and application technique.

[2] Listed catalyst quantity assumes warm temperatures; colder temperatures require additional catalyst. Refer to individual product data sheets for complete information regarding temperature ranges and appropriate catalyst quantities.

ROOFING SOLUTIONS

WATERPROOFING

FLASHING SOLUTIONS

TRAFFICABLE SURFACES

SURFACE PREPARATION

All substrates must be clean, dry, and free of any condition that may be detrimental to engagement to the substrate. Refer to WestWood's Substrate Preparation & Priming Guidelines for specific recommendations and requirements.

INSULATION AND COVER BOARD INSTALLATION

Install insulation and coverboard in accordance with project specifications and applicable code requirements. All materials must be installed over a clean, dry, and properly prepared substrate using approved mechanical fasteners or adhesives, as specified.

WEPLY INSTALLATION

Where necessary, apply standard D41 asphalt primer to surface and allow to dry. Install WePly Base and WePly FR Cap using approved heat-welding techniques. Position the membrane as desired, then fully heat-weld it to approved substrates. Refer to the WestWood's SBS-Modified Bitumen Roofing Technical Guide for complete application guidelines.

MIXING AND CATALYST

Using a low-speed (200-400 rpm) mechanical agitator, thoroughly mix the entire container of each resin for two minutes before catalyzing. Only catalyze the amount of material that can be applied within 10-15 minutes. Add pre-measured catalyst to resin and stir for two minutes.

WECRYL 230 THIXO APPLICATION

After mixing, apply resin to substrate at a rate of 0.14 to 0.31 kg/ft^2 (1.5 to 3.3 kg/m^2) using approved rollers, brushes or notched squeegees.

Roll WestWood fleece reinforcement directly into the resin, avoiding any folds and wrinkles. Use a roller to work the resin into the fleece, saturating from the bottom up. The fleece should darken in appearance, with no visible white spots (white spots are indications of unsaturated fleece or lack of adhesion). When required, peel back fleece and apply additional resin onto the substrate, then slowly roll the fleece back into the resin, using care to remove any air pockets. It is important to correct these faults before the resin cures, or additional repairs may be required later.

Apply an even coat of resin over top of the installed fleece at a rate of 0.09 kg/ft^2 (1.0 kg/m^2) using approved rollers. Use caution not to spread resin too thin.

WECRYL 230 RESIN APPLICATION

After mixing, apply resin to substrate at a rate of 0.14 to 0.31 kg/ft^2 (1.5 to 3.3 kg/m^2) using approved rollers, brushes or notched squeegees.

Roll WestWood fleece reinforcement directly into the resin, avoiding any folds and wrinkles. Use a roller to work the resin into the fleece, saturating from the bottom up. The fleece should darken in appearance, with no visible white spots (white spots are indications of unsaturated fleece or lack of adhesion). When required, peel back fleece and apply additional resin onto the substrate, then slowly roll the fleece back into the resin, using care to remove any air pockets. It is important to correct these faults before the resin cures, or additional repairs may be required later.

Apply an even coat of resin over top of the installed fleece at a rate of 0.09 kg/ft^2 (1.0 kg/m^2) using approved rollers. Use caution not to spread resin too thin.

WARRANTY SUPPORT

WestWood's WWP002 system is eligible for warranty coverage up to 30 years. Contact WestWood Technical Services for enhanced warranty options. Application must be properly registered with WestWood Technical Services prior to commencement of work, installed by a WestWood-approved applicator, and inspected by WestWood Field Technical Personnel prior to warranty issuance.

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