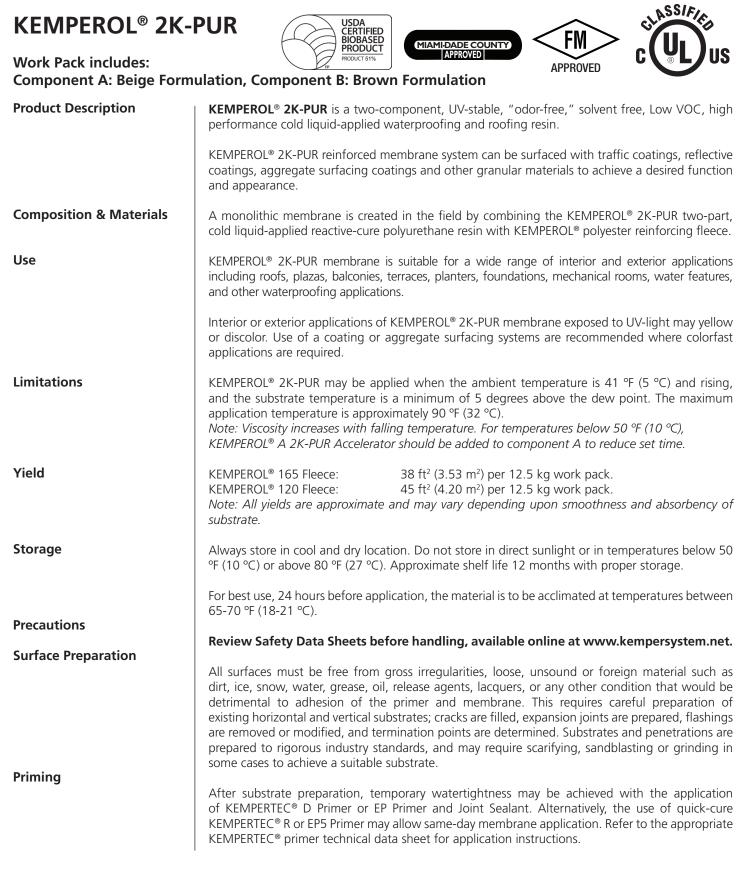
Technical Data Sheet



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SYSTEM

	Sustainability Information		Membrane Properties		
	% Biobased Carbon Content ASTM D6866-21 51%		Memb Physical Property	rane Propei Test	rties Value
	Recycled content % (post / pre) 0/0			Method	
	Manufacture location Buffalo, NY		Color		Yellow-Gray
	Allow primer to sure completely y	vier te	Physical State Thickness (165 Fleece)	D5147	Cures to Solid 80 mils
	Allow primer to cure completely prior to application of the KEMPEROL [®] membrane. Note: Prior to opening the containers of KEMPEROL [®] 2K-PUR Resin.		VOC Content	03147	6 q/l
			CDPH Standard Method V1.2		Pass
			TVOC Concentration	DE147	$\leq 0.5 \text{ mg/m}^3$
			Peak Load @ 73 °F, avg.	D5147	>70 lbf/in
			Elongation Tearing Strength	D5147 D5147	Min 30% 90 lbf
			Puncture Resistance	D5602	56 lbs.
Mixing of Resin	Step 1: Mix resin Component A	(boigo	Dimensional Stability	D1204	0.15%
Mixing of Resin	formulation) with a spiral agitator until t		Water Absorption	D570	< 1%
	is a uniform cream color.	ie liquiu	Impact Resistance	D2240	Shore A:75 +/- 5
	is a unitorni creani color.		Water Vapor Transmission	E96	0.08 Perms
	Chain 2: If the enclose the remaining is here		Crack Spanning		2 mm/0.08 inch
	Step 2: If the ambient temperature is below 50°F (10°C), A2K-PUR Accelerator, a cold weather		Short-Term Temperature Resistance		250 °C / 482 °F
			Usage Time*		30 minutes
	additive, should be mixed into the Comp		Water Resistant After*		2 hours
	The accelerator should be mixed with t		Solid To Walk On After*		24 hours
	agitator for 2 minutes or until both lic	uids are	Can Be Driven On After*		48 hours
	thoroughly blended.		Apply Coating/Surfacing		16-48 hours
			After* Apply Overburden After*		48 hours
	Step 3: Add hardener Component B		Apply Overburden After* Completely Hardened*		48 hours 3 days
	spiral agitator for 2 minutes or until bot	h liquids			
	are thoroughly blended. * values obtained at 73°F, 50% relative humidity, may vary depending upon air flow, humidity and temperature.				
	NOTE: DO NOT break down workpacks into smaller quantities – mix the entire workpack.				
	Step 2: Roll the KEMPEROL [®] Fleece directly into the resin, making sure the SMOOTH SIDE IS FACING UP (natural unrolling procedure), avoiding folds and wrinkles. Use the roller or brush to work the resin into the fleece, saturating from the bottom up. The appearance of the fleece should be opaque yellow/gray with no white spots. White spots are indications of unsaturated fleece or lack of adhesion. It is important to correct these areas before proceeding.				
	Step 3: Apply the remaining 1/2 of the resin to the top of fleece to complete the saturation. Rolling the final coat of resin onto the fleece should result in a glossy appearance. The fleece can only hold so much resin and all excess should be rolled forward to the unsaturated portion of the fleece. The correct amount of resin will completely saturate the fleece with no dry fleece visible. Work wet membrane to avoid any blisters, openings, or lifting at corners, junctions, and transitions. Always assure full resin saturation of fleece.				
Surfacing	KEMPEROL [®] 2K-PUR Membrane accepts a wide variety of KEMPERDUR [®] topcoats and aggregate surfacings for aesthetic or mechanical wear. The KEMPEROL [®] 2K-PUR membrane must be surfaced within 16-48 hours of membrane application to ensure proper bond between the membrane and surfacing. After the 48 hour window the membrane will require surface abrasion.				
Disposal	Cured 2K-PUR resin may be disposed of in standard landfills. This is accomplished by thoroughly mixing all components. Uncured 2K-PUR resin must be handled in accordance with local, state and federal regulations. Do not throw uncured resin away.				
Ordering	KEMPEROL [®] 2K-PUR work pack:				
Information	Item#: Size:				
mormation		JS GAL (1	.93L) • 2.5 kg		
	527-47-025 0.490	JJ UAL (I	.95L/ • 2.5 Kg		
	327-47-055 0.98 0	JS GAL (3	.90L) • 5.0 kg		
	327-47-105 2.46 US GAL (9.12L) • 12.5 kg				
	DISCLAIMER: NO WARRANTY, EXPRESS OR IMPLIED, IS MADE IN THIS DOCUMENT. THE PRODUCT IS NOT CLAIMED TO BE MERCHANTABLE				
Rev. 04/2022	OR FIT FOR ANY PARTICULAR PURPOSE. User and certifie product data sheets, SDS sheets, guide specifications and de products.	d Kemper Sys	tem America, Inc. (KSA) applicators	determine suitability	/ only. See individual KSA

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