



PLI-DEK SYSTEM SELECTION MATRIX

Which Pli-Dek waterproof deck system fits the job?



	Pli-Dek "F" System Waterproof deck coating for plywood	Pli-Dek Inclement Weather (IW) Pli-Dek System for inclement weather areas	Pli-Dek "U" System Waterproof underlayment for plywood	Con-Dek System Waterproof deck coating for concrete	PD Texture Coat Decorative coating for concrete
WHERE IT GOES					
Substrate	Plywood (exterior grade Exposure 1 sheathing); OSB with Pli-Dek approval	Plywood, same as the Pli-Dek System	Plywood	Concrete: 2,500 psi min., CSP 2-3, cured 28 days	Concrete
Best for	High-traffic pedestrian balconies, roof decks, walkways and stairs	Pli-Dek decks in inclement weather areas (Pli-Dek TB-110)	Waterproofing under tile, pavers and wood decking	Balconies, decks, roof decks, walkways, plazas, pool decks, stairs and ramps	Decorative knockdown finish on concrete
Minimum slope	1/4" per foot	1/4" per foot	1/4" per foot	1/8" to 1/4" per foot	—
Application temp.	40°F to 110°F	See Pli-Dek PD-120-IW and TB-110	40°F to 110°F	50°F to 110°F	—
SYSTEM BUILD-UP					
Reinforcement	G60 galvanized metal lath, 2.5 lb/sq yd, stapled	G90 galvanized metal lath, 2.5 lb/sq yd, stapled	Galvanized metal lath, 2.5 lb/sq yd, stapled	None (bonds to concrete)	None
Plywood seams	PD Seam Paper	PD Seam Paper	PD Seam Paper	—	—
Layers	• GU80-1 Gray Base Coat • 3/4 oz fiberglass mat + PD Resin • GU80-1 Top Coat screed + finish • GS88 Pigmented Sealer	• Same layers as the Pli-Dek System • IW details (PD-xx-IW) • Non-bonderized flashing	• GU80-1 Gray Base Coat • 3/4 oz fiberglass mat + PD Resin • GU80-1 Top Coat screed coat • Overlay by others (wait 8 hrs min.)	• Vapor Prime primer (optional) • GU80-1 Top Coat screed coat • 3/4 oz fiberglass mat + PD Resin • GU80-1 screed + finish • GS88 Pigmented Sealer	• GU80-1 Top Coat knockdown • GS88 Pigmented Sealer
Finish options	Knockdown texture, polymer sand, custom (simulated tile, brick, stone)	Same as the Pli-Dek System	None: tile, pavers or wood decking go over it	Knockdown, polymer sand, custom	Knockdown
Colors	12 GS88 sealer colors; custom colors available	12 GS88 sealer colors	—	12 GS88 sealer colors; custom colors available	12 GS88 sealer colors
RATINGS AND LISTINGS					
Fire rating	1-hour and Class "A"; WUI listed (CA SFM BML)	1-hour and Class "A"	See ICC ESR-2097	1-hour and Class "A"	—
Evaluation	ICC ESR-2097	ICC ESR-2097	ICC ESR-2097	ICC ESR-2097	—
In Altitude's calculator	Yes	Use the "F" System	Yes	Yes	Yes

Summary of Pli-Dek's published brochures and manufacturer specifications. Pli-Dek systems are installed by Pli-Dek certified applicators. Always confirm with Pli-Dek's current specifications, ICC ESR-2097 application instructions and details. Questions on which system fits your deck? Call Altitude at (303) 482-1010.