Troubleshooting Guide

The troubleshooting guide below associates common problems with their potential causes. For example, a sealant separating from the sides of a crack may be caused by application to a wet crack surface, dirty crack surface, poor material finishing technique, application of cold sealant, insufficient material, rain during the application, or application during cold weather.

Note that some specifications described in the following content may not be the same as the specifications followed by your agency. Always check with your State agency's standards and specifications when using these guidelines.

Guide

USE	PROBLEM						
	All Seals			Emulsion Seals Only			
	Tacky, Picks Up	Re-Cracks Quickly	Bumpy Surface	Separation From Crack Sides	Emulsion Sealer Not Breaking	Emulsion Sealer Breaks Too Fast	Emulsion Sealer Washes Off
Crack Wet					•		•
Sealant Not Cured	•			•		•	
Crack Dirty	•	•		•		•	
Insufficient Sanding	•			•		•	
Poor Finish, Wrong Tools	•	•	•	•		•	
Sealant Too Cold		•	•				
Sealant Too Hot	•			•			

Application Too High	•		•	•			
Application Too Low		•	•				
Sealant Degraded Due to Overheating	•	•	•	•	•	•	•
Rain During Application					•		•
Cold Weather		•			•		
Hot Weather	•		•	•		•	

Problems and Solutions

Problem	Solution
Tracking	• Reduce the amount of sealant or filler being applied. • For hot applied materials, allow to cool or use sand or other blotter. • Allow sufficient time for emulsions to cure or use a sufficient amount of sand for a blotter coat. • Ensure the sealer/filler is appropriate for the climate in which it is being placed.
Sealant Loss	• Ensure cracks are clean and dry. • Increase temperature of application. • Use the correct sealant for the climate. • Allow longer cure time before trafficking.
Bumps	• Check squeegee and ensure it is leaving the correct flush finish. • Have squeegee follow more closely to the application. • Decrease the viscosity of the sealer. • Change the rubber on the squeegee.