



General Information / External

What is DynaSet 1K?	DynaSet 1K is a one-part solvent and odor-free, moisture-cure, elastomeric cold adhesive for JM SBS membranes.																
What membranes can DynaSet 1K be used with?	DynaSet 1K is compatible with sand-surfaced JM SBS membranes.																
How is DynaSet 1K packaged?	DynaSet 1K comes in a 5-gallon pail.																
What is the coverage rate of DynaSet 1K?	DynaSet 1K can be installed as a full-coverage membrane adhesive, with a coverage rate of 1.5 to 2 gallons/100 square feet. 1K can also be installed in a ribbon application for adherence of vapor retarders, with a coverage rate of 2 gallons/100 square feet at 6" o.c.																
How do you apply DynaSet 1K?	DynaSet 1K can be installed in the same fashion as MBR Cold Application Adhesive for full-coverage assemblies. A ¼" notched or serrated squeegee should be used to spread adhesive for full, uniform coverage. DynaSet 1K can also be installed in ribbons for vapor retarder applications. A spreader cart may be loaded with up to four pails of adhesive at one time for cart application. A 6" adhesive break should be provided every 35-45 linear feet for cross-venting. Laps may be adhered with DynaSet 1K or heat-welded.																
Is DynaSet 1K listed with any code bodies?	DynaSet 1K is listed as a full-coverage membrane adhesive with UL in numerous Class A and B assemblies. It is also approved with all current UL assemblies as a vapor retarder attachment. DynaSet 1K is also approved by FM and is found as a securement method for numerous RoofNav assemblies. Finally, DynaSet 1K is listed with Florida Building Code for application of vapor retarders in various TPO and PVC assemblies. Additional code approvals are being pursued in 2022.																
What are the major differences between JM's current cold adhesive offerings?	<table border="1"> <thead> <tr> <th>Product</th> <th>Solvent / Odor?</th> <th>Packaging</th> <th>Cure Method</th> </tr> </thead> <tbody> <tr> <td>DynaSet 1K</td> <td>No</td> <td>5 gal</td> <td>Moisture</td> </tr> <tr> <td>MBR Cold App</td> <td>Yes</td> <td>5 gal, 55 gal, 350 tote</td> <td>Solvent evaporation</td> </tr> <tr> <td>MBR Bonding Adhesive</td> <td>No</td> <td>3.9 gal + activator (5 gal pail)</td> <td>2-part catalyzed reaction</td> </tr> </tbody> </table>	Product	Solvent / Odor?	Packaging	Cure Method	DynaSet 1K	No	5 gal	Moisture	MBR Cold App	Yes	5 gal, 55 gal, 350 tote	Solvent evaporation	MBR Bonding Adhesive	No	3.9 gal + activator (5 gal pail)	2-part catalyzed reaction
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Are there temperature restrictions with DynaSet 1K?	DynaSet 1K must be applied between 40°F - 100°F (4°C - 38°C). Product should be stored between 60°F - 80°F (16°C - 27°C) just prior to installation. The pot life of the material will vary based on ambient conditions. Because it is a moisture-cure adhesive, humid conditions will shorten pot life. A thin skin developing on the adhesive indicates the product is no longer usable.																
Are there slope restrictions for DynaSet 1K?	Slope restrictions on DynaSet 1K will be the same as published for cold adhesives in the SBS Applicator Manual.																

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The physical and chemical properties of DynaSet 1K listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice.

Any references to numerical flame spread or smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville systems, visit www.jm.com/terms-conditions or call (800) 654-3103.