



PRODUCT DATA SHEET
RUBBERALL® EPDM Membrane

Water Tight Technologies, LLC
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Description: RUBBERALL® EPDM membrane is a non-reinforced, cured, single-ply roofing membrane that is fire retardant and intended to be fully adhered in slow slope roofing applications.

Physical Properties	ASTM Standard	Performance Minimum	Typical Value 45 mil**	Typical Value 60 mil**
Thickness, minimum (min.) for overall sheet	D412	.0405 in./1.016 mm – 045 .0504 in./1.372 mm – 060	.0405 in./ (1.092 mm)	.059 in. / (1.499 mm)
Tensile Strength, min.	D412 (Die C)	1305 psi	1435 psi	1454 psi
Elongation, ultimate min.	D412 (Die C)	300%	450%	622%
Tensile Set, maximum (max.)	D412 (Die C) /Method A	10%	5%	2.18%
Tear Resistance, min.	D624 (Die C)	159 Lbf/in	190 Lbf/in	219 Lbf/in
Brittleness Point, max.	D2137	-49° F / -45° C	-62° F / -52° C	-49° F / -45° C
<i>Heat Aging:</i>				
Tensile Strength, min.	D412 (Die C)	1205 psi	1425 psi	1490 psi
Elongation, ult. min.	D412	200%	240%	322%
Tear Resistance, min.	D624	125 Lbf/in	180 Lbf/in	179 Lbf/in
Water Absorption, max. (mass %)	D471	+8%	+1.8%	+1.51%
Factory Seam Strength, min.	D816 (Method B, modified)	50 Lbf/in or Sheet Failure	Sheet Failure	Sheet Failure
<i>Weather Resistance:</i>				
Visual Inspection	D518	Pass	Pass	Pass
PRFSE, min.	D518	30%	52%	53%
Elongation, ult. Min.	D412 (Die C)	200%	240%	255%

** Typical Values: (Based on material tested in our laboratories but variable from sample to sample.) Typical Values should not be construed as a guaranteed analysis of any specific lot or as specification items.

Membrane mil thickness	045 mil (.0405 in.)	060 mil (.059 in.)
Weight	0.31 to 0.34 lb./Sq Ft.	.43 to .45 lb./Sq. Ft.
Color	Black	Black (White with special order)
Sizes	10'x25'; 10'x50'; 10'x100'; 10'x200'; 15'x100'; 20'x25'; 20'x50'; 20'x100'; 20'x200' (call to inquire regarding special orders of larger sizes)	10'x25'; 10'x50'; 10'x100'; 15'x100'; 20'x25'; 20'x50'; 20'x100'; 20'x200' (call to inquire regarding special orders of larger sizes)

PRECAUTIONS: Take care when moving, handling, etc. to avoid sources of punctures and physical damage. Isolate waste products, such as petroleum products, greases, oils (mineral and vegetable) and animal fats from the Rubberall® membrane. Refer to Material Safety Data Sheets (MSDS) for safety information.

Roofing Application Instructions:

1. Substrate must be clean, dry, smooth and free of sharp edges, loose or foreign materials, oil, grease and other materials that may damage the membrane. All surface voids greater than ¼” wide shall be properly filled with an acceptable fill material.
2. Install Rubberall® EPDM membrane with Rubberall® water or solvent based adhesive in accordance with the current Rubberall® installation specifications and workmanship requirements at <http://www.watertighttech.com/products/roofing/installation/manual/>

Recommended Storage: Store away from sources of punctures and physical damage. Assure that structural decking will support the loads incurred by material when stored on rooftops. The deck load limitations should be specified by the project designer. Store away from ignition sources as membrane will burn when exposed to open flame. Refer to MSDS for safety information

NOTE: TECHNICAL INFORMATION AND DATA SHOULD BE CONSIDERED REPRESENTATIVE OR TYPICAL ONLY AND SHOULD NOT BE USED FOR SPECIFICATION PURPOSES.

User’s Responsibility

This Product Data Sheet cannot cover all possible situations which the user may experience during product application/processing. Each aspect of your operations should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers, along with the applicable MSDS sheet. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

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