

# Technical Data Sheet

## KEMPEROL® 165 / 120 Fleece

Polyester Reinforcement Fleece for use with KEMPEROL® Membranes



<b>Product Description</b>	<b>KEMPEROL® Fleece</b> is a non-woven, needle-punched fabric reinforcement used with KEMPEROL® cold liquid-applied reinforced polyurethane and PMMA waterproofing and roofing systems.
<b>Composition &amp; Materials</b>	KEMPEROL® fleece is a non-woven, needle-punched polyester fabric.
<b>Use</b>	KEMPEROL® fleece is used as the integral fabric reinforcement of the KEMPEROL® cold liquid-applied reinforced polyurethane and PMMA waterproofing and roofing systems.
<b>Limitations</b>	Fleece must be kept clean and dry prior to and during application.
<b>Yield</b>	110 s.f. (10.2 m <sup>2</sup> ) of fleece per 100 s.f. (9.3 m <sup>2</sup> ) of surface coverage. <i>Note: Allow 10% for 2" (5 cm) over-laps and for flashings and waste.</i>
<b>Storage</b>	Always store in cool and dry location. Store flat to avoid deforming rolls and creasing fabric. Shelf life indefinite with proper storage.  For best use, 24 hours before application, the material is to be acclimated at temperatures between 65-70 °F (18-21 °C).
<b>Precautions</b>	<b>Review Safety Data Sheets before handling, available online at <a href="http://www.kempersystem.net">www.kempersystem.net</a>.</b>
<b>Application</b>	Please refer to the KEMPEROL® waterproofing and roofing resin technical data sheets for application instructions.
<b>Disposal</b>	KEMPEROL® Fleece may be disposed of in standard landfills.

Sustainability Information	
Bio-Based Material	0%
Recycled Content % (post / pre)	0 / 0
Manufacture Location	Canada, Germany

Fleece Properties		
Physical Property	165	120
Color	White	White
Physical State	Solid	Solid
Thickness (165 / 120 fleece)	50 mils	40 mils
Weight (g/m2)	165	120
Tensile Strength @ Break	>1,775 lbs.	>1,550 lbs.
Elongation	>45%	>50%
Tear Resistance	>665 lbs.	>530 lbs.
Puncture Strength	>1,110 lbs.	>1,065 lbs.

## Ordering Information

KEMPEROL® Fleece is available in 164 lineal foot (50 m) rolls, in a variety of widths, see below table.

Fleece Width	165 Fleece	120 Fleece
41.3" (105 cm)	112-116-01	312-111-21
27.6" (70 cm)	112-116-02	
20.7" (53 cm)	112-116-03	312-111-23
13.8" (35 cm)	112-116-04	312-111-04
10.3" (26 cm)	112-116-05	312-111-05
8.3" (21cm)	112-116-06	
4.1" (10 cm)	112-116-07	312-111-27