

**BLUESTONE COPA  
and SYNPLEX**

	<b><u>UNIT</u></b>	<b><u>STANDARD</u></b>	<b><u>HEAVY</u></b>	<b><u>HEAVIER</u></b>	<b><u>HEAVIEST</u></b>
THICKNESS	in.	160 mils	200 mils	225 mils	250 mils
THICKNESS	mm	4	5	5.5	6
REINFORCEMENT: SPUNBOUND POLYESTER	g/m2	170	250	250	250
ROLL WEIGHT	lbs.	88	110	125	144
SOFTENING POINT	Fahrenheit	311	311	311	311
LOW TEMP. FLEXIBILITY	F	+5	+5	+5	+5
OPTION	F	-5	-5	-5	-5
<b>OPTION FOR SYNPLEX ONLY</b>	<b>F</b>	<b>-20</b>	<b>-20</b>	<b>-20</b>	<b>-20</b>
	<b>F</b>	<b>-40</b>	<b>-40</b>	<b>-40</b>	<b>-40</b>

**TENSILE STRENGTH**

ASTM 2523 lbs/in 220 525 525 525  
**AS HIGH AS 2,200 LBS. PER SQUARE INCH FOR THE MULTIPLE PLY SYSTEMS.  
 NO OTHER ROOFING SYSTEM COMES CLOSE!**

ELONGATION  
 ASTM D412 % 50% 50% 50% 50%

WATER VAPOR  
 PERMEABILITY  
 RATING (perm rating)  
 ASTM E 96

**0.06** grams of water penetration per sq. meter in our single ply system. **That is 3,300% lower than other thin plastic or rubber membranes.** 0.000 grams per sq. meter in the multiple ply systems. Because our multiple ply systems have a 0.000 perm rating they can be installed on roofs with unlimited amounts of ponding water without affecting the warranty.

FIRE RATING – ASTM E 108/UL 790 – CLASS A+ Fire Rating. Meets and exceeds the ASTM E 108/UL fire test.