

MARKETING BULLETIN

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**Cool Roof Solutions—Reflectivity and Emissivity
Bituminous Roofing Systems**

JM is dedicated to developing sustainable products and providing systems that will help reduce energy costs and mitigate the “heat island” effect. We have recently completed testing for reflectivity and emissivity on some of our more popular individual system components listed in the table below.

Use the values from the chart below when designing and specifying for cool roof solutions in bituminous systems. These values will assist in meeting ENERGY STAR® standards, LEED credits for sustainable sites and energy and atmosphere, and calculating R-value trade-offs. California Cool Roof Rating Council (CRRC) listings for each product are forthcoming.

JM Bituminous Cap	Reflectivity	Emissivity	SRI-Solar Reflectance Index
APPeX® 4.5M	26%	0.87	27
APPeX® 4.5M FR	27%	0.87	28
Bicor™ M FR	27%	0.89	28
DynaGlas®	29%	0.87	31
DynaGlas® 30 FR	28%	0.87	29
DynaGlas® FR	29%	0.88	31
DynaGrip™ Cap	34%	0.88	37
DynaKap™	28%	0.88	29
DynaKap™ FR	28%	0.88	29
DynaLastic® 180	27%	0.87	28
DynaLastic® 180 FR	28%	0.87	29
DynaLastic® 250	28%	0.88	29
DynaLastic® 250 FR	27%	0.88	28
DynaMax	28%	0.87	29
DynaMax FR	28%	0.87	29
DynaWeld™ Cap FR	29%	0.88	31
GlasKap®	28%	0.88	29
GlasKap® CR	76%	0.85	93
GlasKap® Plus	28%	0.89	30
JMCleanBond® Cap Sheet	27%	0.88	28
Tricor™ M FR	26%	0.87	27
TopGard® 4000	83%	0.94	100
TopGard® 5000	83%	0.94	100

*Tests conducted by an independent, accredited lab.
Emissivity: ASTM C 1371
Reflectivity ASTM C 1549*

To learn more about JM’s complete cool roof product offering, log onto www.jmcoolroofs.com. Be sure to contact your local technical services representative for further assistance and/or questions.

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