

TECHNICAL BULLETIN

TARGET MARKET ROOFING



BUILDING TRUST



Subject: UL Class A Fire Rating with Membrane Adhered with 2121 – Unlimited Slope

#15-6

Testing at Underwriters Laboratories has achieved the following Class A Classification:

52 Deck: C-15/32

Incline: Unlimited

Vapor Barrier (Optional): — Polyethylene, polypropylene, kraft or PVC (not UL Classified) or any UL Classified vapor barrier

Insulation (Optional): — Any UL Classified polyisocyanurate or polystyrene insulation, any thickness, mechanically fastened or adhered with any UL Classified insulation adhesive

Barrier Board: — Minimum 1/4-in. thick G-P Gypsum "DensDeck Prime Roofboard" or "USG Corp. SECUROCK® Glass-Mat Roof Board (Type SGMRX)" with all joints staggered a min of 6 in. from the plywood joints, mechanically fastened or adhered with any UL Classified insulation adhesive

Membrane: — G410, S327, G410/Felt or S327/Felt, adhered with Sarnacol 2121 adhesive at 0.75 - 1.25 gal/sq.

Please note that systems tested over combustible deck (C-15/32 = 15/32" thick plywood) can be installed over any non-combustible deck as well – concrete, steel, gypsum, etc. Also, DensDeck or gypsum wallboard can be used in the system as a thermal barrier, if required, without adversely affecting the fire rating.

The Sika Sarnafil UL Fire Classifications can be found by using the link below:

<http://database.ul.com/cgi->

[bin/XYV/template/LISEXT/1FRAME/showpage.html?name=TGFU.R8992&ccnshorttitle=Roofing+Systems&objid=1074352317&cfgid=1073741824&version=versionless&parent_id=1073993597&sequence=1](http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/showpage.html?name=TGFU.R8992&ccnshorttitle=Roofing+Systems&objid=1074352317&cfgid=1073741824&version=versionless&parent_id=1073993597&sequence=1)