

UL External Fire Resistance (UL 790)

Built Up Roofing Summary Chart

****Check Individual Construction Listing To Insure Accuracy****

Deck	Max. Slope (Inch/Ft.)	Insulation	Membrane	Rating	Comments
C (3/4)	3	E3,FG,FF,F,RF (Optional)	3-5 GNG 3-5 GIG	A	
C(15/32)	3	None	3-5 GNG	A	
C(15/32)	2	E3,FG,FF,F*	3-5 GIC	A	*F=Min 1"; PP Under Insul.
C(15/32)	1	E3,FG,FF,F (Optional)	3-5 GNG 3-5 GIG	A	
C(15/32)	1	E3,FG,FF,F (Optional)	3-5 GNC 3-5 GIC	A	
C(15/32)	1	None	3-5 GNC	A	
NC	1.5	E3,FG,FF,F,RF(Optional)	2 GNC 2 GIC	A	
NC	2	E3,FG,FF,F(Optional)	3-5 GNC 3-5 GIC	A	Optional PP, GB+,V under insul
C(15/32)	UL	None	3-5 GNC	B	Optional PP,GP,GPP under membrane
C(15/32)	UL	E3,FG,FF,F (Optional)	3-5 GIC 3-5 GNC	C	Optional PP,GP,GPP under membrane/insul
C(15/32)	3/4	2 layer 3/4"F	3-4 GIS	A	TA or TB
NC	1.5	E3,FG,FF,F (Optional)	3-5 GIS	A	TB and FA

Deck: C-Combustible; ()=Min Thickness; NC-Non Combustible
 Slope: UL=Unlimited
 Insulation: E3=ENRGY 3 F=Fesco; FF=Fesco Foam; RF=Retro-Fit; FG=FGRI
 Base Sheet: PP=PermaPly 28; GB+=GlasBase Plus; V=Ventsulation
 Ply Sheet: GP=GlasPly IV; GPP=GlasPly Premier
 Cap Sheet: GK=GlasKap; GK+=GlasKap Plus
 Coatings: TA=TopGard A; TB=TopGard B; FA=Fibrated Aluminum Roof Coating

Notes:

1. Approvals for combustible decks automatically apply to non-combustible decks.
2. Insulation is any thickness one or more layers unless otherwise stated.
3. PermaMop is an acceptable substitute to asphalt in any construction.