

Fire Resistance Ratings and Code Approvals

Roof Deck – Fire Resistance Rating

Restrained Assembly	UL Design No.	Concrete Type	Profile (Gauge)	Max Span	Fireproofing Required
1 HOUR	P921	Lightweight	CP-32 (26)	6'0"	No
2 HOUR ¹	P925	Insulating	CP-32 (24-20)	8'0"	No
			B (22-16)	10'0"	No
			2W (22-16)	10'0"	No
			N (22-26)	12'0"	No
1 HOUR	P 908	Lightweight	CP-32 (26)	6'0"	No
2 HOUR ¹	P927	Insulating	CP-32 (24-20)	8'0"	No
			B (22-16)	8'0"	No
			N (22-16)	8'0"	No
1 HOUR	P920	Lightweight	B (22-16)	8'0"	No
2 HOUR ¹		Insulating	2W (22-16)	8'0"	No
1 HOUR	P924	Lightweight	CP-32 (24-20)	8'0"	No
2 HOUR ¹	P930	Insulating	N (22-16)	8'0"	No

Please refer to the current UL fire Resistance Directory and ICBO Evaluation Report No. 3260 for additional information.

1. For 2 hour rated assembly wire mesh must be used.

Alternative Fastening Methods:

For attachment of decking, for methods other than welding, refer to the following technical information:

- (a.) Screwed and Pinned Attachments

ICBO Report No.	Company
3056 and 4254	. . . ITW, Buildex Division
3829 Pneutek, Inc.
4373 Hilti Fastening Systems

Code Approvals

- IMSA's steel deck profiles have been evaluated or approved for use by:
1. ICBO Evaluation Report No. 2757
 2. City of Los Angeles Research Report Nos. 23783, 23784 and 23803
 3. Steel Deck Institute Certificate No. 048
 4. Factory Mutual
 5. Underwriter's Laboratory Fire Resistance Directory