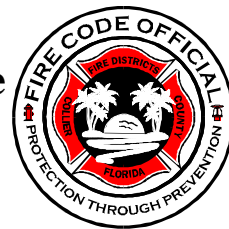




Collier County Fire Prevention and Protection Code

POLICY AND PROCEDURE MANUAL



ARTICLE NUMBER: FWL 01-1

EFFECTIVE DATE: June 1, 2001

SUBJECT: Head-of-Wall Details for Rated Assemblies without Rated Head-of Wall Requirements

OBJECTIVE: To provide a consistent method for addressing Head-of-Wall assemblies where rated walls join non-rated roof decks to provide a smoke tight seal and where dissimilar rated wall types join one another.

BACKGROUND:

When a fire rated assembly needs to be joined to a non-rated roof deck, there is no UL or US Gypsum recognized assemblies to address this application. Without a system to follow, it has been left to the authority having jurisdiction to determine a suitable method to accomplish this task.

Taking into account the fact that tape and mud at the head-of-wall after only a few days has been seen to fall out of place, thus not providing a reliable seal, it has been determined that even though most joints between non-rated roof deck and the rated assemblies are static joints, there still may be a degree of movement.

POLICY/ PROCEDURE:

The intent of this policy is to establish a consistent way in which non-rated Head-of-Wall assemblies will be installed where they join rated assemblies.

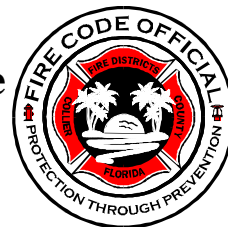
Where a fire rated assembly joins a non-rated roof deck, a bead of rated elastomeric fire caulk shall be applied (see attached drawing for detail). The gap between the roof and wall shall not exceed ¼ inch in width and elastomeric caulk should be sandwiched between the roof and wallboard.

When a rated wall is joined to a corrugated roof deck, there are two approved options (see attached drawing for examples).

Type of rated elastomeric caulk for this use shall be stated on the approved set of plans.



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Where a rated wall assembly meets a rated roof/ceiling assembly, the Architect/Engineer of record shall provide a detail of a UL, US Gypsum, or other approved method of head-of-wall assembly.

CODE REFERENCES:

FFPC 2007 8.2.2

ATTACHMENTS:

Head-of-Wall Detail drawing.

DISTRIBUTION: Big Corkscrew Island Fire District; East Naples Fire District; Golden Gate Fire District; Immokalee Fire District; Isle of Capri Fire District; North Naples Fire District; Ochopee Fire District; City of Marco Island Fire Department; Building Director, Collier County Community Development; Chief Inspectors, Collier County Community Development; Collier County Community Development Records; Collier Building Industry Association (CBIA); Subscribers

NOTE: This Policy and Procedure was updated April 2009