

Part 1 General**1.1 Summary**

- .1 Unless otherwise indicated, follow the standards below when specifying applied fireproofing. These standards are not intended to restrict or replace professional judgment.

1.2 Design Requirements

- .1 Specify aggregate slurry fireproofing where replacement of sprayed on asbestos insulation is required.
- .2 Fireproofing material shall be easily identified and differentiated from asbestos insulation by drying to a light blue color.
- .3 Specify fireproofing material that is durable, non toxic and UL fire tested.

1.3 Quality Assurance

- .1 Fireproofing work shall be performed by a firm acceptable to the aggregate slurry fireproofing material manufacturer.
- .2 Products, execution, and fireproofing thickness shall conform to the application code requirements for the required fire-resistance ratings.

Part 2 Products **2.1 Preferred Products**

- .1 The threshold level of compliance with the General Emissions Evaluation and VOC content requirements for wet applied products standards listed in **01 84 19** must be met by at least 90%, by volume, for emissions, and 100% for VOC content.
- .2 For products with low VOC emissions that may contribute to LEED® v4 EQ Credit Low-Emitting Materials, refer to:
 - .1 UL Environment <http://productguide.ulenvironment.com>
- .3 For products with Health Product Declarations (HPDs), for LEED® v4 MR Credit Building Product Disclosure and Optimization – Material Ingredients, refer to:
 - .1 Declare Product Database www.living-future.org/declare-products
 - .2 HPD Library <http://hpd.smithgroupjpr.org/>
- .4 Materials that are locally sourced (extracted, manufactured, and purchased) within 160 km (100 miles) are preferred and will increase cost values for credit calculations in the Materials and Resources Building Product Disclosure and Optimization credits.

2.2 Fireproofing Material

- .1 Fireproofing material shall be type “Retro-Guard RG” factory-blended aggregate slurry as manufactured by Grace Construction Products, or approved equal.

2.3 Accessories

- .1 Provide accessories to comply with manufacturer’s recommendations and to meet fire resistance design and code requirements. Such accessories include, but are not limited to, any required or optional items such as Spatterkote SK-3, bonding agents, mechanical attachments; application aids such as metal lath, scrim, or netting; and Monokote Accelerator.

END OF SECTION