

**ISOLATEK INTERNATIONAL**

**R13348**

**41 FURNACE ST, STANHOPE NJ 07874**

Type DC/F, HP or II (investigated for exterior use) Spray-Applied Fire Resistive Materials for application with or without Type EBS or Type X adhesive/sealer in Design Nos. A811, A815, D814, D816, D822, D824, D825, D826, D827, D829, D830, D831, D832, D833, D835, D836, D837, D840, D846, D847, D858, D859, D860, D861, D862, D865, D866, D867, D868, D871, D902, D904, D908, D913, D914, D919, D921, D924, D926, D942, D947

G801 G802 G805 J801 J803 J804 J805 J809 J957 N803 N804 N805 N814 N815 N816 N820 N823 N824 N825 N826 N830 N831 P801 P806 P807 P810 P811 P812 P815 P816 P819 P822 P825 P826 P901 P902 P907 P908 P920 P922 P923 S801 S802 S805 S806 U357 U401 U431 U450 U804 X525 X827 X829 X835 X840 X841

Type 280 Spray-Applied Fire Resistive Materials for use in Design Nos.: D755 D902 J708 N735 N743 N759 N761 P713 P901 P902 P907 P908 P920 P922 P923 S729 X790

Type 800 Spray-Applied Fire Resistive Materials (investigated for exterior use) for use in Design Nos. D744 D902 N742 N760 P819 P908 S720 Y714

Type 300, Type 300ES, Type 300N, Type 400 or Type SB Spray-Applied Fire Resistive Materials for application with or without Type EBS or Type X adhesive/sealer in Design Nos: D759 D859 D860 D902 D904 D921 D942 D947 G705 J708 J710 J804 J805 J809 J957 N735 N759 N761 N831 P675 P676 P901 P902 P907 P908 P920 P922 P923 S721 S729 X790

Type 300, Type 300N, Type 300ES, Type 400 or Type SB Spray-Applied Fire Resistive Materials for application with Type EBS or Type X adhesive sealer for use in Design Nos. P719 P723 and P826

Types 300, 400, or SB may be trowel-applied provided the materials are first mixed and pumped through standard application equipment as outlined in the manufacturer's application instructions.

Type P-20 for use in Design Nos. D764 D922 G709 J711 N765 N767 P722 P726 P731 P925 S727 S730 X798 X799 Y705

Type M-II (investigated for exterior use) for use in Design Nos. D744 D781 D902 D922 J809 N742 N755 N760 P720 P721 P819 P826 P908 P922 S720 S723 X764 X768 XR704

Type TG (investigated for exterior use) for use in Design Nos. D744 D781 D902 D922 J809 N742 N755 N760 P720 P721 P819 P826 P908 P922 S720 S723 X764 X768 XR704

Type CP-2 for use in Design Nos. D764 D922 G709 J711 N765 N767 P722 P726 P731 P925 S727 S730 X798 X799 Y705

Type PC pre-coat for use in Design Nos. D759 D860 G705 J708 J710 J804 J805 J809

Types 280, 300, 300ES, SB, 400, 800 and M-II may be hand patched in all designs, in areas up to 144 sq. in., following the guidelines listed below:

- A.) The material used for patching is of the same Type designation as the material being patched.
- B.) All areas to be patched must be cleaned, down to the substrate, of loose, poorly adhered material including dirt and any other foreign material.
- C.) The material is keyed into the material surrounding the patch. It should be understood that the integrity of the surrounding material shall not have been impaired and must be pre-wetted prior to applying the patching material.
- D.) If Type EBS or Type X adhesive/sealer is required in the fire resistance design, it must be applied to the substrate prior to the patching material.
- E.) All manufacturer's application instructions of the Spray-Applied Fire Resistive Material being used to patch the area must be followed.
- F.) The minimum in-place density and minimum thickness of the material, as specified in the fire resistance design, must be maintained.
- G.) Any clips or hangers being patched around are totally encased in material at the point of attachment to the structural member at a thickness equal to or greater than that being applied to the structural member.

Type P may be used to hand patch Types DC/F, II or HP in all designs, limited to a maximum area of 432 sq. in., or in all designs protected with Types 280, 300, 300ES, SB or 400, limited to a maximum area of 144 sq. in. following the guidelines B through G listed above and the additional guideline H listed below. The minimum average density of Type P shall be 17.5 pcf.

H.) Type EBS or Type X adhesive/sealer is required on fluted steel deck that does not contain concrete and on all cellular decks.

For information on Type EBS or Type X adhesive/sealer refer to Adhesives category (BYWR), Isolotek International.  
See UL Fire Resistance Directory for illustrations of designs and fire resistance ratings.