



# Waterproofing Membrane Compatibility Testing

Technical Bulletin

March, 2014

3M™ Scotch-Weld™ General Purpose Adhesive 60CA and 3M™ Scotch-Weld™ Holdfast Cylinder Spray Adhesive 70 have been tested for compatibility to determine if there would be any adverse effects and/or reactions to the membrane products. For products that are to be applied directly to concrete, the adhesive was applied to the exposed side. For products that would be applied over top of a waterproofing/damproofing membrane, the adhesive was applied to the side that would face the membrane. The adhesive was applied at approximately 2.5 gm/sq ft, stored at room temperature for 14 days, and then visually inspected for any changes in the original appearance of the product.

## Testing of 3M™ Cylinder Adhesives on Waterproof Membranes

Materials Tested for Adverse Affects Using:	3M™ Scotch-Weld™ General Purpose Adhesive 60CA	3M™ Scotch-Weld™ Holdfast Cylinder Spray Adhesive 70
<b>3M Company</b> 3M™ Self Adhered Air and Vapor Barrier Membrane 3015	no affects	no affects
<b>American Wick Drain Corporation</b> Ameridrain Prefab Soil Sheet Drain Type 200 Type 350 Type 500 Type 520 Type 650 Type 800 Type 850	no affects no affects no affects no affects no affects no affects	no affects no affects no affects no affects no affects no affects
<b>Carlisle Coating and Waterproofing</b> CCW MiraDRI™ 860/861 Sure-Seal® Butyl Barricoat™-R CCW-525V CCW-705 CCW Protection Boards-Asphalt	no affects no affects no affects no affects no affects no affects	no affects no affects no affects no affects no affects no affects
<b>C.I.M. Industries Inc.</b> CIM1061	no affects	no affects
<b>Grace Construction Products</b> Bituthene® Waterproofing Membrane 3000 Bituthene® System 4000 Waterproofing Membrane Perm-A-Barrier® Wall Flashing Perm-A-Barrier® Wall Membrane Procor® Liquid Waterproofing	no affects no affects no affects no affects no affects	no affects no affects no affects no affects no affects
<b>Henry</b> Air Bloc® 31 Membrane Air Bloc® 32 Membrane Blueskin® PE 200 HT Blueskin® SA Membrane Henry WP200	no affects no affects no affects no affects no affects	no affects no affects no affects no affects no affects
<b>Hydrotech</b> Hydroflex™ 30	no affects	no affects
<b>J-DRain</b> J-Drain® 420	no affects	no affects
<b>Johns Manville</b> AP™ Foil Faced Polyisocyanurate Foam Sheathing	no affects	No affects
<b>Pactiv Building Products</b> GreenGuard® Waterproofing Protection Board - PB4 GreenGuard® Roofing Recovery Board - PB6 GreenGuard® Drainage Board - DC14 GreenGuard® Insulation Board - CM, SB, SL	no affects no affects degrades foam degrades foam	no affects no affects no affects no affects

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### Testing of 3M™ Cylinder Adhesives on Waterproof Membranes (*continued*)

Materials Tested for Adverse Affects Using:	3M™ Scotch-Weld™ General Purpose Adhesive 60CA	3M™ Scotch-Weld™ Holdfast Cylinder Spray Adhesive 70
<b>Polyguard Products, Inc.</b> Flow 15P Soil Drainage Mat 300 Air and Moisture Barrier 400 Thru Wall Flashing 650 Waterproofing Membrane	no affects no affects no affects no affects	no affects no affects no affects no affect
<b>PROSOCO</b> R-GUARD™ Spray Wrap	no affects	no affects
<b>Protecto Wrap</b> Jiffy Seal™ 140/60 Jiffy Seal™ 400 Jiffy Seal™ 600 PW-100/60 XL Protecto Drain 2000-H Protecto Drain 2000-V AFM Anti Fracture Membrane	no affects no affects no affects no affects no affects no affects no affects	no affects no affects no affects no affects no affects no affects no affects
<b>Neptune Coatings</b> Wetsuit Wetsuit - 1 Part	no affects no affects	no affects no affects
<b>Sandell Manufacturing</b> Rubber-Seal™ Flashing	no affects	no affects
<b>Soprema</b> SopraSeal Stick 1100T Membrane	no affects	no affects
<b>Tremco Commercial Sealants and Waterproofing</b> ExoAir™ 110 and TWF Self-Adhered Air & Vapor Barrrier Membranes TREMproof® 201/60 TREMproof® 250GC TREMproof® 260	no affects no affects no affects no affects	no affects no affects no affects no affects
<b>WR Meadows</b> Air-Shield™ Mel-Rol® LM Mel-Rol® Waterproofing Membrane Protection Course PC-2 Mel-Drain™ DB type 5012* Mel-Drain™ DB type 5012-B** Mel-Drain™ DB type 5035* Mel-Drain™ DB type 5035-B** Premoulded Membrane w/Plasmatic Core PMPC Tape Mel-Dek™	no affects no affects no affects no affects no affects no affects no affects no affects no affects no affects no affects no affects	no affects no affects no affects no affects no affects no affects no affects no affects no affects no affects no affects no affects

\*5012 and 5035 are the same surface for adhesive contact, they have a different backside.

\*\*5012B and 5035B are the same surface for adhesive contact, they have a different backside.

### Size and Expected Coverage

Product	Cylinder Size	Cylinder Adhesive Net. Wt. (lbs.):	Sq. ft. Coverage @ 1.0 gm./sq. ft. (dry wt.):	Sq. ft. Coverage @ 2.5 gm./sq. ft. (dry wt.):
<b>3M™ Scotch-Weld™ General Purpose Adhesive 60CA</b>	Large	27.2	5,186	2,075
<b>3M™ Scotch-Weld™ Holdfast Cylinder Spray Adhesive 70</b>	Large	27.3	2,590	1,036

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<b>Storage</b>	Store product at 60-80°F (16-27°C) for maximum storage life. Higher temperatures can reduce normal storage life. Lower temperatures can cause increased viscosity of a temporary nature. Rotate stock on a “first in-first out” basis.
<b>Shelf Life</b>	When stored at the recommended conditions in the original, unopened container this product has a shelf life of 15 months from date of shipment.
<b>Precautionary Information</b>	Refer to Product Label and Material Safety Data Sheet for health and safety information before using this product. For additional health and safety information, call 1-800-364-3577 or (651) 737-6501.
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