



Waterproofing Membrane Compatibility Testing

Technical Bulletin

March 2019

3M™ General Purpose Adhesive 60CA and 3M™ 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 Effects Using:	3M™ General Purpose 60CA	3M™ Holdfast 70
3M Company 3M™ Self Adhered Air and Vapor Barrier Membrane 3015	no effects	no effects
American Wick Drain Corporation Ameridrain Prefab Soil Sheet Drain Type 200 Type 350 Type 500 Type 520 Type 650 Type 800 Type 850	no effects no effects no effects no effects no effects no effects no effects	no effects no effects no effects no effects no effects no effects no effects
Carlisle Coatings and Waterproofing CCW MiraDRI™ 860/861 SureSeal Butyl Barricoat™-R CCW-525V CCW Protection Boards-Asphalt	no effects no effects no effects no effects no effects	no effects no effects no effects no effects no effects
C.I.M. Industries Inc. CIM1061	no effects	no effects
Grace Construction Products Bituthene Waterproofing Membrane 3000 Bituthene System 4000 Waterproofing Membrane Perm-A-Barrier Wall Flashing Perm-A-Barrier Wall Membrane Procor Liquid Waterproofing	no effects no effects no effects no effects no effects	no effects no effects no effects no effects no effects
Henry Air Bloc® 31 Membrane Air Bloc® 32 Membrane Blueskin® PE 200 HT Blueskin® SA Membrane	no effects no effects no effects no effects	no effects no effects no effects no effects
Hydrotech® Hydroflex™ 30	no effects	no effects
J-DRain® J-Drain 420	no effects	no effects
Pactiv Building Products GreenGuard® Waterproofing Protection Board - PB4 GreenGuard® Roofing Recovery Board - PB6 GreenGuard® Drainage Board - DC14 degrades foam	no effects no effects no effects	no effects no effects no effects

GreenGuard® Insulation Board - CM, SB, SL degrades foam		
Protecto Wrap® Jiffy Seal 140/60 Jiffy Seal 400 Jiffy Seal 500 PW-100/60 XL Protecto Drain 2000-H Protecto Drain 2000-V AFM Anti Fracture Membrane	no effects no effects no effects no effects no effects no effects no effects	no effects no effects no effects no effects no effects no effects no effects
Polyguard Products, Inc. Flow 15P Soil Drainage Mat 300 Air and Moisture Barrier 400 Thru Wall Flashing 650 Waterproofing Membrane	no effects no effects no effects no effects	no effects no effects no effects no effects
PROSOCO R-GUARD™ Spray Wrap	no effects	no effects
Protecto Wrap 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 effects no effects no effects no effects no effects no effects no effects	no effects no effects no effects no effects no effects no effects no effects
Neptune Coatings Wetsuit Wetsuit - 1 Part	no effects no effects	no effects no effects
Sandell Manufacturing Rubber-Seal™ Flashing	no effects	no effects
Soprema SopraSeal Stick 1100T Membrane	no effects	no effects
Tremco® Commercial Sealants and Waterproofing ExoAir™ 110 and TWF Self-Adhered Air & Vapor Barrier Membranes TREMproof® 201/60 TREMproof® 250GC TREMproof® 260	no effects no effects no effects no effects	no effects no effects no effects no effects
WR Grace Bituthene 3000 Grace 4000	no effects no effects	no effects no effects
WR Meadows Air-Shield™ Mel-Rol® LM n 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 effects no effects	no effects no effects

*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.

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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.):
3M™ General Purpose 60CA	Large	27.2	5,186	2,075
3M™ Holdfast 70	Large	27.3	2,590	1,036

Storage

Store product at 60-80°F (16-27°C) for maximum shelf life. Lower temperatures can reduce normal storage life. Lower temperatures are for use in applications of a temporary nature. Rotate stock on a “first in-first out” basis.

Shelf Life

When stored at the recommended conditions in unopened containers, the product has a shelf life of 15 months from date of manufacture.

Precautionary Information

Refer to Product Label and Material Safety Data Sheet for full precautionary information for this product. For additional health and safety information, call 1-800-368-5767.

Technical Information

The technical information, recommendations and other specifications are based upon tests or experience that 3M believes are reliable. However, no information is not guaranteed.

Product Use

Many factors beyond 3M's control and uniquely within user control affect the use and performance of a 3M product in a particular application. Therefore, the user is solely responsible for determining whether it is fit for a particular purpose and suitable for the intended application.



3M and S
Barrcoat,
Company
Bituthene
Grace Co
Air Bloc a
Hydroflex
GreenGu
J-DRain
Jiffy Seal
R-GUARD
Rubber-S