FIREBOND® Concentrate

Bonding agent

Product Description

FIREBOND® is an Underwriters Laboratories Inc. (UL) classified bonding agent approved for use with any of the fire protection products manufactured by GCP Applied Technologies. FIREBOND® is water based, nonflammable and ready to use. FIREBOND® is classified for use with GCP fire protection products in accordance with ASTM E119 and E84 and listed in the UL Fire Resistance Directory, category CBUI encapsulants.

Use

FIREBOND® may be used as a bonding agent or surface sealer for the following applications:

1. As a bonding agent over polystyrene or urethane foam insulation prior to application of MONOKOTE® Z-3306 Thermal Barrier.
2. As a bonding agent over primed/painted structural steel (columns and beams)1 prior to application of MONOKOTE® MK-6 /HY , MK-6/HY ES™, MK-6s, MK-6/GF, MK-10/HB, MK-10/HB ES, MK-1000/HB, MK-1000/HB ES, Z-106, Z-106/HY, Z-106/G, Z-146, Z-156 and RETRO- GUARD® RG.2
3. As a bonding agent over concrete floor and/or roof units (including slab, panjoist, hollow-core or precast plank or TEE units) prior to application of the products listed in item 2.
4. As a surface sealer (where specified) over any of the above products. Coverage rate requirements will vary based on the project requirements.Where specified, a surface sealer shall be installed in one or more coats in such a manner that the sealer does not saturate the fire protection product. The fire protection product shall be substantially dry prior to sealer application.

Technical Support

Refer to GCP Applied Technologies product literature to determine acceptability of fire protection products for the intended use.

Any inquiry related to products manufactured by GCP Applied Technologies should be addressed to:

GCP Applied Technologies
2325 Lakeview Parkway Suite 450
Alpharetta, GA 30009
USA

or call toll free: 866-333-3SBM (3726)
Customer Service Center

Physical Properties

PROPERTY	TYPICAL VALUE
Volatile	Water
Actual VOC content	14.3 ± 10 g/L
Average particle size	0.2 microns
Flash point	Noncombustible (water-based)
Odor	Similar to latex house paint
Shelf life at 78 °F	36 months minimum, (in originally factory sealed containers)
Weight per gallon at 78 °F	8.8 lbs
Dry time at 78 °F To touch:	1–2 hours Additional coats: (when dry)
Fire rating ASTM E84	Class “A”
Flame spread	5
Smoke developed	5

Product Application

FIREBOND® can be applied with most major brands of airless latex paint spray equipment. FIREBOND® may also be applied with a common garden sprayer, paint brush or roller.

Coverage:

FIREBOND® at full concentrated strength— up to 1000 ft^2/gal FIREBOND® diluted 1:1 (with water)— up to 500 ft^2 /gal

Clean Up

Clean tools and drippings with warm soapy water before FIREBOND® dries.

FIREBOND® is manufactured by Fiberlock Technologies Inc. for GCP Applied Technologies. Any inquiry related to products manufactured by Fiberlock Technologies, Inc., should be addressed to:

Fiberlock Technologies, Inc.
150 Dascomb Road
Andover, MA 01810

or call toll free: 800-FIBERLK

GCP provides technical support for all of its products. The Fiberlock Technologies, Inc. SDS (Safety Data Sheet) for FIREBOND® are available at our web site, gcpat.com.

Warranty

All statements, technical information and recommendations contained herein are based on tests we believe to be reliable. However, since the conditions of use and application are beyond our control, GCP Applied Technologies shall not be liable for any damage, direct or consequential, resulting from the use of this material or design. GCP Applied Technologies' only warranty shall be to replace any of its products found to be defective.

Safety

KEEP OUT OF REACH OF CHILDREN. Keep from freezing. Do not store at temperatures above 100 °F.

Nous espérons que ces renseignements vous seront utiles. Ils sont basés sur des données et des connaissances jugées véridiques et exactes. Ils sont soumis pour considération, étude et vérification, mais nous ne garantissons aucunement les résultats obtenus. Veuillez lire toutes les déclarations, recommandations, suggestions et conditions de vente relatives aux produits que nous fournissons. Aucune déclaration, recommandation ousuggestion est intentionée pour usage qui enfreindrait un brevet, un droit d'auteur ou un droit d'un tiers.

MONOKOTE, MK-6, HY RETRO-GUARD, et SPATTERKOTE sont des marques déposées qui peuvent être enregistrées aux États-Unis et / ou dans d'autres pays auprès de GCP Applied Technologies Inc. Cette liste de marques a été compilée en utilisant les informations publiées disponibles à la date de publication et pourrais contre-indiquée le propriétaire ou statut actuel de la marque.

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In Canada, GCP Canada, Inc., 294 Clements Road, West, Ajax, Ontario, Canada L1S 3C6.

MK-005 Firebond

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GCP Canada, Inc., 294 Clements Road, West, Ajax, Ontario, Canada L1S 3C6.
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ca.gcpat.com/solutions/products/firebond-concentrate