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## NOTICE OF AUTHORIZATION TO APPLY THE UL MARK

June 30, 2005

USG Corporation  
**Mr. Gary Miller**  
700 N. Highway 45  
Libertyville, IL 60048-1296

Our Reference: File R1319, Project 05NK17124, P.O. Number 31-977

**Products: USC/CNC – Revisions to R1319**

Dear Mr. Miller:

UL's investigation of your product has been completed under the above project number and the subject product was determined to comply with the applicable requirements.

This letter temporarily supplements the UL Follow-Up Services Procedure and serves as authorization to apply the UL Classification Mark only at the factory under UL's Follow-Up Service Program to the subject product which is constructed as described below:

- Similar to products covered in the UL Follow-Up Services Procedure, File 1319, Volume 11.

To provide the manufacturer with the intended authorization to use the UL Mark, the addressee must send a copy of this Notice and all attached material to each manufacturing location as currently authorized in File R1319, Volume 11.

This authorization is effective from the date of this Notice and only for products at the indicated manufacturing locations. Records in the Follow-Up Services Procedure covering the product are now being prepared and will be sent to the indicated manufacturing locations in the near future. Please note that Follow-Up Services Procedures are sent to the manufacturers only unless the Applicant specifically requests this document.

Products that bear the UL Mark shall be identical to those that were evaluated by UL and found to comply with UL's requirements. If changes in construction are discovered, appropriate action



07/01/05

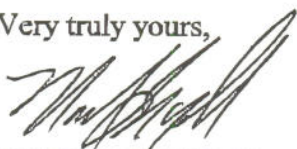
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will be taken for products not in conformance with UL's requirements and continued use of the UL Mark may be withdrawn.

Additionally, we have revised Classification Cards R1319 to include the following Design Nos. for the product - P225, P227, P230, P235, P254, P257, P259, P266, P508, P510, P512, P514, P518, P701, P713, P714, P717, P718, P719, P720, P722, P725, P726, P727, P728, P729, P730, P731, P732, P733, P734, P735, P736, P738, P739, P740, P801, P811, P815, P819, P824, P825, P826 and P828.

Please feel free to call if you have any questions.

Very truly yours,



MARK IZYDOREK  
Lead Engineering Associate  
Fire Protection Division

Reviewed By:



FREDERICK E. HERVEY  
Manager  
Fire Protection Division

File R1319

Vol. 11

Sec. 1

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Issued: 1999-09-16

Revised: 2005-0406-

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## DESCRIPTION

## PRODUCT COVERED:

USC, CNC - Nominal 5/8 -in. thick Gypsum Wallboard with the following trade name and type designation:

<u>Trade Name</u>	<u>UL Type Designation</u>
FIBEROCK Brand Sheathing - Aqua Tough	FRX-G
FIBEROCK Brand Panels, Abuse Resistant	FRX-G
FIBEROCK Brand Panels, VHI	FRX-G
FIBEROCK AQUA TOUGH INTERIOR PANELS	FRX-G
SECUROCK Roof Board	FRX-G

## ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

CNC indicate investigation to Canadian Standard CAN/ULC-S101M

## FACTORY LOCATION AND IDENTIFICATION:

See Section General

## MANUFACTURING PROCESS:

See Section General

## FORMULATION:

The following ingredients are added to form the slurry.

<u>Material</u>	<u>% by weight</u>
Water	80.7 to 89.25
Lignocellulosic fiber	0.9 to 1.6
Gypsum	12.8 to 14.2
Ground Gypsum (+)	0 to 2.0
Aluminum or Potassium Sulfate (++)	0 to 1.0
Wax Emulsion (+++) (or Siloxane at 3 gal max)	0 to 3.0
Additives	0 to 1.0

+ = Mixed at a maximum concentration of 15%

++ = Mixed at a maximum concentration of 50%

+++ = Mixed or supplied at a maximum concentration of 42%

Note: Broke, dust and trim material from the same formulation as shown above with no contaminants may be added at a rate 25 percent to the total of the virgin ingredients.

CKNX.R1319 - Gypsum Board

5/8 in. thick, 4 ft wide, Type FRX-G for use in Design Nos. U301, U302, U303, U304, U305, U308, U314, U321, U327, U329, U342, U344, U345, U354, U355, U359, U404, U408, U411, U415, U419, U423, U424, U430, U432, U437, U438, U372, U442, U445, U458, U459, U465, U466, U467, U469, U473, U485, U493, U606, U609, U615, U617, U622, U625, U640, V411, V417, V431, V439, V444.

5/8 in. thick, 46 to 54 in. wide, Type FRX-G for use in Design Nos. P225, P227, P230, P235, P254, P257, P259, P266, P508, P510, P512, P514, P518, P701, P713, P714, P717, P718, P719, P720, P722, P725, P726, P727, P728, P729, P730, P731, P732, P733, P734, P735, P736, P738, P739, P740, P801, P811, P815, P819, P824, P825, P826, P828, U302, U303, U305, U327, U354, U355, U359.

3/4 in. thick, 4 ft wide, Type IP-AR for use in Design Nos. U026, U301, U302, U305, U314, U317, U321, U345, U372, U411, U420, U423, U424, U425, U442, U445, U451, U454, U459, U465, U466, U467, U485, U493, U504, U505, U512, U513, V417, V419, V444. This material is available in metric width.

5/8 in. thick, 4 ft wide, Type IP-AR for use in Design Nos. U026, U301, U302, U303, U304, U305, U308, U314, U321, U322, U323, U324, U325, U326, U329, U330, U332, U345, U354, U355, U372, U404, U408, U411, U415, U419, U420, U423, U424, U425, U430, U434, U437, U438, U442, U445, U450, U451, U454, U458, U459, U460, U465, U466, U467, U473, U475, U485, U493, U494, U504, U505, U512, U513, V417, V419, V444. This material is available in metric width.

1/2 in. thick, 4 ft wide, Type IP-AR for use in Design Nos. U317, U406, U423, U424, U425. This material is available in metric width.

5/8 in. thick, 4 ft wide, Type IPC-AR for use in Design Nos. D502, G503, G512, G515, G516, G521, G523, G527, G540, G542, G543, G544, G551, L501, L508, L511, L512, L514, L516, L520, L521, L526, L528, L529, L538, L545, L546, L548, L549, L550, L551, L552, L553, L563, L569, N501, N502, N505, P501, P503, P508, P510, P515, P521, P522, P523, P525, P526, P527, P528, P529, P530, P531, P534, P544, U301, U302, U303, U305, U308, U311, U327, U329, U333, U334, U342, U344, U354, U355, U372, U404, U408, U411, U415, U419, U423, U424, U442, U445, U457, U458, U459, U465, U466, U467, U469, U473, U485, U504, U505, U512, U505, U634, V417, V419, V444, X502, X504, X508, X516. This material is available in metric width.

1/2 in. thick, 4 ft wide, Type IPC-AR for use in Design Nos. D502, G502, G515, G524, G527, L502, L510, L512, L514, L515, L542, L570, P510, U307, U317, U320, U412, U415, U419, U423, U424, U426, U435, U436, U440, U443, U444, U448, U451, U452, U453, U454, U455, U467, U478, U497, U910, U914, V410, V418, X507, X514, X515, X518, X521, X522, X523, X524. This material is available in metric width.

Last Updated on 2005-07-12

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