

SPECIAL BULLETIN

OPERATING DIVISION PRODUCT PROCEDURE APPROVED: <i>JWT</i>	HIGH ALKALINE JOINT CEMENT J1034A FORMULA GYPSUM	NO. 61-2-22-53 DATE 2-5-59 PAGE 1 of 2 CANCELS DATED NEW																																
<u>Formula -</u> <table border="0"> <tr> <td><u>J1034A</u></td> <td></td> </tr> <tr> <td>Casein, 80 mesh siled</td> <td>7.0%</td> </tr> <tr> <td>CHEC 43, low visc.</td> <td>0.75</td> </tr> <tr> <td>Soy flour</td> <td>2.0</td> </tr> <tr> <td>Hydrated lime</td> <td>2.0</td> </tr> <tr> <td>Sodium oxalate</td> <td>1.1</td> </tr> <tr> <td>Dowicide G</td> <td>0.3</td> </tr> <tr> <td>3M 7871 Asbestos</td> <td>As required (6% used in lab.)</td> </tr> <tr> <td>Nice JC</td> <td>Per Formula V</td> </tr> <tr> <td>Ser-I</td> <td>15.0</td> </tr> <tr> <td>CCO Whiting</td> <td>15.0</td> </tr> <tr> <td>Stenalite</td> <td>To make 100%</td> </tr> <tr> <td>Parrite Yellow</td> <td>As req'd to approximate Spectracolor vanilla color.</td> </tr> </table> <u>Raw Materials -</u> All are present standard Paint Plant raw materials except CHEC 43, low viscosity. This is obtained from Hercules Powder Co. Approximately as follows in fineness: <table border="0"> <tr> <td>- 40 mesh</td> <td>99.9%</td> </tr> <tr> <td>- 60 mesh</td> <td>99.6</td> </tr> <tr> <td>- 100 mesh</td> <td>95.2</td> </tr> </table> (If significantly coarser than this as received it should be micropulverized before use.) <u>Processing -</u> This cement is to be weighed out and mixed in a Broughton mixer as usual for joint cements. It is not to be micropulverized. It is especially necessary that all the raw materials be lump free. If necessary, CCO Whiting should be given a preliminary pulverizing to eliminate lumps. Note: The mixing equipment must be thoroughly brushed down and cleaned before running this cement, and again afterward if followed by the low viscosity joint cement.			<u>J1034A</u>		Casein, 80 mesh siled	7.0%	CHEC 43, low visc.	0.75	Soy flour	2.0	Hydrated lime	2.0	Sodium oxalate	1.1	Dowicide G	0.3	3M 7871 Asbestos	As required (6% used in lab.)	Nice JC	Per Formula V	Ser-I	15.0	CCO Whiting	15.0	Stenalite	To make 100%	Parrite Yellow	As req'd to approximate Spectracolor vanilla color.	- 40 mesh	99.9%	- 60 mesh	99.6	- 100 mesh	95.2
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all

SPECIAL

TEST METHOD TEST PROCEDURE	HIGH ALKALINE JAMIE CEMENT J1034A FORMULA	DATE 2-5-59 PAGE 2 OF 2
COVER	GREEN	CHERRY DAVED

Finished Product Specifications:

Consistency: 68 - 72 cc., 71 normal (To be determined after 30 minutes)
pH: Red to phenolphthalein
Application: To match standard sample
Bond to tape: "Good" to "Excellent"
Color: Manila, approximately matching that of Electrook Manila paper.

Packaging: In 25 lb. Perf-A-Type cement bags, with any special designation added which may be specified by Paint Merchandising.

Shipping: As directed by Paint Merchandising.

This bulletin expires 5-1-59.

ORIGINAL SPECIFICATION

OPERATING DIVISION PRODUCT PROCEDURE	HIGH ALKALINE JOINT CEMENT J-1034A FORMULA	NO. 61-2-22-AT DATE 4-8-59 PAGE 1 of 2
APPROVED: <i>JUST</i>	GYPSON	CANCELS Page 1 DATED 2-5-59

This temporary bulletin authorizes Gypsum to ship J-1034A formula high alkaline cement to Detroit and within geographic limits of Wayne County on orders specifying "D" cement. (Low alkaline cements to be shipped on orders not specifying type required.)

Formula

Casein, 80 mesh, oiled	7.0%
CMHC 43, low visc.	0.75
Soy flour	2.0
Hydrated lime	1.5 - 2.0%, as req'd to maintain pH
Sodium asilate	1.1
Dowicide G	0.3
JN 7HF 1 asbestos	As required (9.5% used in mill trial)
Mica JC	Per Formula V
Ser-X	15.0
CCO Whiting	15.0
Stonelite	To make 100%
Ferrite yellow	As required to approximate SR Manila color

Raw Materials

All are present standard Paint Plant raw materials except CMHC 43, low viscosity Specifications per Purchase Bulletin No. 6-25-3.

Processing

This material is to be weighed out, and mixed in a Broughton mixer, as usual for joint cements.

It is not to be Micropulverized. It is especially necessary that all the raw materials be lump free. If necessary, CCO Whiting should be given a preliminary pulverizing to eliminate lumps.

Note: The mixing equipment must be thoroughly brushed down and cleaned before running this cement, and again afterward.

Finished Product Specifications

Consistency: 68 - 72 cc., 71 cc. normal (To be determined after 30 minutes)
 pH: 11.9 - 12.1. To be run at least once on each shift; other bottles
 - red to phenolphthalein
 Application: To match standard sample
 Band to tape: "Good" to "Excellent"
 Color: Manila, approximately matching that of Suetrock Manila paper.

SPECIAL BULLETIN

OPERATING DIVISION PRODUCT PROCEDURE APPROVED: <i>JWTK</i>	HIGH ALKALINE JOINT CEMENT J-1034A FORMULA GYPSUM	NO. 61-2-22-PF DATE 4-23-59 PAGE 1 of 2 CANCELS Page 1 DATED 4-8-59
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This temporary bulletin authorizes Gypsum to ship J-1034A formula high alkaline cement to Detroit and within geographic limits of Wayne, Oakland and Macomb Counties on orders specifying "D" cement. (Low alkaline cements to be shipped on orders not specifying type required.)

Formula

Casein, 80 mesh, oiled	7.0%
CMHEC 43, low visc.	0.75
Soy flour	2.0
Hydrated lime	1.5 - 2.0%, as req'd to maintain pH
Sodium oxalate	1.1
Dowicide G	0.3
JN 78F 1 asbestos	As required (9.5% used in mill trial)
Mica JC	Per Formula V
Ser-X	15.0
CCO Whiting	15.0
Stonelite	To make 100%
Ferrite yellow	As required to approximate SR manila color

Raw Materials

All are present standard Paint Plant raw materials except CMHEC 43, low viscosity. Specifications per Purchase Bulletin 6-25-3.

Processing

This material is to be weighed out, and mixed in a Broughton mixer, as usual for joint cements.

It is not to be Mikropulverized. It is especially necessary that all the raw materials be lump free. If necessary, CCO Whiting should be given a preliminary pulverizing to eliminate lumps.

Note: The mixing equipment must be thoroughly brushed down and cleaned before running this cement, and again afterward.

Finished Product Specifications

Consistency: 68 - 72 cc., 71 cc. normal (To be determined after 30 minutes)
 pH: 11.9 - 12.1. To be run at least once on each shift; other batches - red to phenolphthalein
 Application: To match standard sample
 Bond to tape: "Good" to "Excellent"
 Color: Manila, approximately matching that of Sheetrock Manila paper.

PORTLAND CEMENT

NEW BRITTON CEMENT

WASHINGTON, D.C.

NEW BRITTON

DATE 3-1-59
PAGE 1 of 1
CHANGES Page 1
DATED 3-5-59

APPROVED:

This temporary bulletin authorizes New Brighton to ship the following formula J-1044 A cement to Inner and Co., Washington, D.C.

The account assumes all responsibility for joint discoloration and edge cracking arising out of use of this special cement.

Formula:

Cascara, 80 mesh oiled	7.0%
CHEC 43, low viscosity	0.75
Soy flour	2.0
Hydrated lime	1.5 - 2.0%, as req'd to maintain pH.
Sodium azolate	1.0
Dowicide 3	0.3
J-1044 asbestos	(As req'd) (6% used in lab.)
Mica 20	Per Formula V
Bar-X	15.0
Snowflake P	15.0
A Dolomite	To make 100%

Raw Materials:

All are present standard Point Plant raw materials except CHEC 43, low viscosity. Specifications per Purchase Bulletin 6-25-3.

Processing:

This material is to be weighed out, and mixed in a Broughton mixer, as usual for joint cements.

It is not to be mill-pulverized. It is especially necessary that all raw materials be lump free. If necessary, lumpy materials should be given a preliminary pulverizing to break down lumps.

Note: The mixing equipment must be thoroughly brushed down and cleaned, both before and after running this cement.

Finished Product Specifications:

Consistency: 10-12 cc, 70 cc normal (to be determined after 30 minutes)
pH: 11.8 - 12.1 (to be determined after 30 minutes, using Beckman pH meter)
Application: To match standard sample
Sound & Appearance: "Good" to "Excellent"
Color: Brown

Packaging:

In 25 lb. and 100 lb. bags. Printing to be specified by Point Plant Marketing.

Shipping:

To be shipped per Point Plant Marketing directions.

This bulletin expires 3-1-59.

DP007 1076

PRODUCT PROCEDURE

HUGH AIRMAINE CEMENT

WASHINGTON, D.C.

NEW BRIDGE

DATE 6-2-59

DATE JUL 31 1959

CANCELS 5000 1
DATED 5-1-59

APPROVED:

This temporary bulletin authorizes New Brighton to ship the following formula J-1044 A cement to Inner and Co., Washington, D.C.

The account assumes all responsibility for joint discoloration and edge cracking arising out of use of this special cement.

Formula:

Cement, 50 mesh sifted	7.0%
CEMEX 43, low viscosity	0.75
Soy flour	2.0
Hydrated lime	1.5 - 2.0%, as req'd to maintain pH
Sodium carbonate	1.0
Duricide G	0.3
JM WPA asbestos	(As req'd) (5% used in lab.)
Nica 50	Per formula V
Sep-X	15.0
Snowflake F	15.0
A Dolomite	To make 100%

Raw Materials:

All are present standard Paint Plant raw materials except CEMEX 43, low viscosity. Specifications per Purchase Bulletin 6-25-3.

Processing:

This material is to be weighed out, and mixed in a Droughton mixer, as usual for joint cements.

It is not to be micropulverized. It is especially necessary that all raw materials be lump free. If necessary, lumpy materials should be given a preliminary pulverizing to break down lumps.

Note: The mixing equipment must be thoroughly brushed down and cleaned, both before and after running this cement.

Finished Product Specifications:

Consistency: 28-32 cc, 70 cc normal (to be determined after 30 minutes)
pH: 11.9 - 12.1 (to be determined after 30 minutes, using Beckman pH meter)
Application: No much overhead capable
Bond to lumps: "Good" to "Excellent"
Color: Natural

Packaging:

11 25 lb. bagging bags. Testing to be supplied by J. J. Harman & Co.

Remarks:

To be changed to 100% Dolomite as per spec.

This bulletin expires 12-31-59.

OP007 1093

COPIES: 10 PREPARED: JWB APPROVED:	DATE: 10-10-49 PAGE: 1 CHANGES: Page 1 DATED: 7-27-49
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This temporary bulletin authorizes New Brighton to ship the following formula 9-10-49 to J. H. R. Co., Washington, D.C.

The account assumes all responsibility for joint discoloration and edge cracking arising out of use of this special mix.

Formula:	
Cement 40 mesh sifted	7.65
CEMENT 43, low viscosity	0.75
Soy Flour	2.0
Hydrated lime	1.5 - 2.0%, as req'd to maintain pH
Sodium acetate	1.0
Distilled H ₂ O	2.0
Oil 700, emulsifier	(as req'd) (6% used in lab.)
Water	See Formula V
Sand	15.0
Spewer	15.0
1 Batch	to make 100%

Raw Materials:
 All raw materials standard except Cement 43 low viscosity. Special instructions per Purchase Bulletin 6-15-49.

Preparation:
 This material is to be weighed out and mixed in a mechanical mixer. No water for 1st batch.

Note: The material is to be thoroughly mixed. It is to be used immediately after preparation. No water should be given a preliminary wash to break down lumps.

Note: The mixing equipment must be thoroughly cleaned down and dry before use. After running this batch.

Formula Specifications:
 1. pH: 11.5 - 12.1 (to be checked after 10 minutes)
 2. pH: 11.5 - 12.1 (to be checked after 10 minutes)
 3. pH: 11.5 - 12.1 (to be checked after 10 minutes)
 4. pH: 11.5 - 12.1 (to be checked after 10 minutes)
 5. pH: 11.5 - 12.1 (to be checked after 10 minutes)
 6. pH: 11.5 - 12.1 (to be checked after 10 minutes)
 7. pH: 11.5 - 12.1 (to be checked after 10 minutes)
 8. pH: 11.5 - 12.1 (to be checked after 10 minutes)
 9. pH: 11.5 - 12.1 (to be checked after 10 minutes)
 10. pH: 11.5 - 12.1 (to be checked after 10 minutes)

Note: The material is to be thoroughly mixed. It is to be used immediately after preparation. No water should be given a preliminary wash to break down lumps.

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OP007 1092

9/20