

**PLAINTIFF'S
EXHIBIT**

FK-193

Produced in Canada under seal by order of
Judge Paul Riley and Gordon Macg.
October 16, 1959, in Jackson v. A. P. Green
et al. 87-61230

OC-42.1-OC 8400



PURCHASE ACCEPTANCE STANDARDS

No. CRM. 55.1.1

Date 2/17/61

Supersedes Original

MATERIAL: Fiberglas Roofing Cement
(Flintkote #224 Cutback Asphalt)

SCOPE:

This specification covers the necessary data for ordering a lightly fibrated cut-back cement for use as an adhesive between plies and to deck.

DESCRIPTION:

Fiberglas Roofing Cement is composed of lightly fibrated cutback of 25 penetration asphalt designed primarily for spray application.

PROPERTIES:

	<u>New Orleans</u>	<u>Chicago Heights</u>
Asphalt %	47.5-51.5	47.1-51.0
Asbestos %	10.0-11.0	10.4-11.4
Ash %	8.2-9.6	8.6-10.0
Volatiles %	37.6-42.6	37.6-42.4
Weight/gal., lbs.	7.5-8.3	7.4-7.7

CONTAINER SIZES:

- 1 gallon - 6 per carton
- 5 gallon container
- 30 gallon drum
- 55 gallon drum

LABELS:

Each container shall be neatly labelled with OCF Label No. L.1.214.

WARRANTIES:

Manufacturer to warrant material meets these specifications and will replace material not in accordance with specification.



Produced in CAMERA under seal by ord
Judge Paul Riley and Gordon Meag.
October 16, 1989, in Jazima v. A. P.
ec el. 87-61230

HC-42.1-OC 8498



PURCHASE ACCEPTANCE STANDARDS

No. CRM.77

Date 2/17/

Supersedes Ori

MATERIAL: Fiberglas D.L. Roof Coat Asphalt Emulsion
(Flintkote "Levelcoat")

SCOPE:

This specification covers the necessary data for ordering fibrated asphalt emulsion used for surface treatment of level built-up roofs.

DESCRIPTION:

Fiberglas I.L. Roof Coat is an emulsion of 100 penetration steam refined asphalt made with a mineral colloid emulsifier and asbestos. It is available for brush or spray application.

PROPERTIES:

	<u>Minimum</u>	<u>Maximum</u>
Softening Point (R&B) °F.	105	118
Pen. 77°F., 100 gms. 5 sec.	85	120
Flash C.O.C. °F.	500	-
Ductility 77°F., 5 cms./min.	100	-

Specification and Properties of Finished Product

	<u>Rutherford</u>	<u>New Orleans</u>	<u>Chicago Hts.</u>
Asphalt, % by weight			
Water, % by weight	49.6-55.6	52.8-58.8	60.2-66.2
Asbestos Fiber, % by weight	2.7-3.2	2.5-3.0	2.0-2.5
Ash, % by weight	8.3-9.5	7.8-9.0	7.5-8.7
Solid, % by weight	44.4-50.4	41.2-47.2	33.8-39.8
Consistency at time of bol., 1 gal. stirring viscosimeter 75-80°F., secs 3/4" x 2" orifice	11	19	
Wt./lbs. per gal.	8.5-9.0	8.4-9.0	8.4-9.0
Appearance	Semi-dull brownish black, fibrous		
Consistency	Light Paint		
Suspendability	Will remain suspended		
Stability to Electrolytes	Stable to the sulphuric acid test		
	Stable to the lime test		
Stability to Mechanical Agitation	Stable to brushing and spraying		
Stability to Freezing	Partially stable to freezing		
Stability to Aging	Thickens with time, but remains of a character which permits thinning by the addition of water.		

Properties of Dried Emulsion Film

Properties

Appearance	Black, fibrous surface, free from checks and cracks.
Resistance to Water	Must pass tap water soaking test
Resistance to Heat	Must pass Bunsen Burner test.
Ductility	Reasonably comparable to the original asphalt

CRM.59.1.466

- 2 -

2/17/61

CONTAINERS:

All Fiberglass D.L. Roof Coat will be in 18 guage, 55-gallon, fully removable open head, arm lever, reconditioned drums and in 29 guage 5-gallon pails. For 26 guage pails, add \$0.04 per gallon to price.

LABELS:

Each container shall be neatly labelled with OCF Label No. L.1.213.

WARRANTIES:

Manufactuer to warrant material meets these specifications and will replace material not in accordance with specifications.



Produced in CAMERA under seal by order of
Judge Paul Riley and Gordon Nease,
October 16, 1969, in Jackson v. A. P. Green
et al. 87-11230

OC-43, POC 9488



PURCHASE ACCEPTANCE STANDARDS

No. CRM.59.1.466

Date 6/30/61

Supersedes 2/17/61

MATERIAL: D. L. Roof Coat Asphalt Emulsion
(Flintkote "Levelcoat")

SCOPE:

This specification covers the necessary data for ordering fibrated asphalt emulsion used for surface treatment of level built-up roofs.

DESCRIPTION:

D.L. Roof Coat is an emulsion of 100 penetration steam refined asphalt made with a mineral colloid emulsifier and asbestos. It is available for brush or spray application.

PROPERTIES:

	<u>Minimum</u>	<u>Maximum</u>
Softening Point (R&B) °F.	105	118
Pen. 77°F., 100 gms. 5 sec.	85	120
Flash C.O.C. °F.	500	-
Ductility 77°F., 5 cms./min.	100	-

Specification and Properties of Finished Product

	<u>Rutherford</u>	<u>New Orleans</u>	<u>Chicago Hts.</u>
Asphalt, % by weight			
Water, % by weight	49.6-55.6	52.8-58.8	60.2-66.2
Asbestos Fiber, % by weight	2.7-3.2	2.5-3.0	2.0-2.5
Ash, % by weight	8.3-9.5	7.8-9.0	7.5-8.7
Solid, % by weight	44.4-50.4	41.2-47.2	33.8-39.8
Consistency at time of bolting 1 gal. stirring viscosimeter 75-80°F., secs 3/4" x 2" orifice	11	19	
Wt./lbs. per gal.	8.5-9.0	8.4-9.0	8.4-9.0

Appearance	Semi-dull brownish black, fibrous
Consistency	Light Paint
Suspendability	Will remain suspended
Stability to Electrolytes	Stable to the sulphuric acid test
	Stable to the lime test
Stability to Mechanical Agitation	Stable to brushing and spraying
Stability to Freezing	Partially stable to freezing
Stability to Aging	Thickens with time, but remains of a character which permits thinning by the addition of water.

Properties of Dried Emulsion Film

Properties

Appearance	Black, fibrous surface, free from checks and cracks.
Resistance to Water	Must pass tap water soaking test
Resistance to Heat	Must pass Bunsen Burner test.
Ductility	Reasonably comparable to original asphalt

CMR.59.1.466
6/30/61

- 2 -

CONTAINERS:

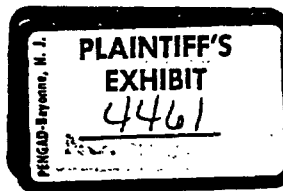
All D.L. Roof Coat will be in 18 guage, 55-gallon, fully removable, open head, arm lever, reconditioned drums and in 29 guage 5-gallon pails. For 26 guage pails, add \$0.04 per gallon to price.

LABELS:

Each container shall be neatly labeled with OCF label No. L.1.213.

WARRANTIES:

Manufacturer to warrant material meets these specifications and will replace material not in accordance with specifications.



Produced in camera under seal by order of
Judge Paul Riley and Gordon Magg.
October 16, 1989, in Jarison v. A. P. Green
et al. 87-L1230

OC-42-1.



PURCHASE ACCEPTANCE STANDARDS

No. CRM.59.1.465

Date 6/15/62

Supersedes 6/30/61

MATERIAL - Asphalt Roof Coating (Flintkote #214 Semi-Mastic)

SCOPE

This specification covers the necessary data for ordering a fibrated cut-back asphalt used for surface treatment of built-up roofs.

A. DESCRIPTION

Asphalt Roof Coating is a fibrated cut-back of 40 penetration asphalt. It may be applied by brush or spray. This material meets Federal Spec. SSR-451.

B. PROPERTIES

	<u>Rutherford</u>	<u>New Orleans</u>	<u>Chicago Heights</u>
Asphalt %	56.0-62.3	52.8-57.0	64.1-69.3
Asbestos %	8.9-10.1	8.7-9.7	5.3-5.9
Ash %	7.3-8.9	7.2-8.4	4.2-5.2
Volatile %	30.0-32.6	34.4-37.4	26.5-28.9
Weight/Gallon	8.2-8.4	8.0-8.2	7.6-7.8

C. CONTAINER SIZES

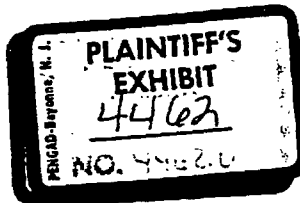
1 gallon - 6 per carton
5 gallon container
30 gallon drum
55 gallon drum

D. LABELS

Each container shall be neatly labeled with OCF Label No. L.1.212.

E. WARRANTIES

Manufacturer to warrant material meets these specifications and will replace material not in accordance with specifications.



Produced in camera under seal by order of
Judge Paul Riley and Gordon Meag.
October 18, 1989, in Samson v. A. P. Green
et al. 87-11230

OC-42-1-OC 8498



PURCHASE ACCEPTANCE STANDARDS

No. CRM.5).1.

Date 2/17/61

Supersedes Origin.

MATERIAL: Fiberglas Asphalt Roof Coating
(Flintkote #214 Semi-Mastic)

SCOPE:

This specification covers the necessary data for ordering a fibrated cutback asphalt used for surface treatment of built-up roofs.

DESCRIPTION:

Fiberglas Asphalt Roof Coating is a fibrated cutback of 40 penetration asphalt. It may be applied by brush or spray. This material meets Federal Specification SSR-451.

PROPERTIES:

	Rutherford	New Orleans	Chicago Hts.
Asphalt %	59.7-64.7	48.8-53.8	64.1-69.3
Asbestos %	7.3-8.1	9.0-10.0	5.3-5.9
Ash %	5.7-7.3	7.5-8.7	4.2-5.2
Volatile %	28.8-31.4	37.6-40.8	26.5-28.9
Weight per gal., lbs.	8.25-8.35	8.0-8.2	7.6-7.8

CONTAINER SIZES:

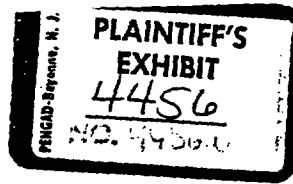
- 1 gallon - 6 per carton
- 5 gallon container
- 30 gallon drum
- 55 gallon drum

LABELS:

Each container shall be neatly labelled with OCF label No. L.1.212.

WARRANTIES:

Manufacturer to warrant material meets these specifications and will replace material not in accordance with specifications.



Produced in CAMERA under seal by order
Judge Paul Riley and Gordon Haag.
October 16, 1989, in JANISIA V. B. P. C.
et al. 87-11230

OC-42-1-OC 1488



PURCHASE ACCEPTANCE STANDARDS

No. CRM.59.1.4

Date 6/15/62

Supersedes 6/30/6

MATERIAL - Roofing Cement (Flintkote #224 Cutback Asphalt)

SCOPE

This specification covers the necessary data for ordering a lightly fabricated cut-back cement for use as an adhesive between plies and to deck.

A. DESCRIPTION

Roofing Cement is composed of lightly fibrated cutback of 25 penetration asphalt designed primarily for spray application.

B. PROPERTIES

	<u>Rutherford</u>	<u>New Orleans</u>	<u>Chicago Heights</u>
Asphalt %	48.6-52.6	47.5-51.5	47.1-51.0
Asbestos %	11.4-12.6	10.0-11.0	10.4-11.4
Ash %	9.4-11.0	8.2-9.6	8.6-10.0
Volatiles %	35.1-39.7	37.6-42.6	37.6-42.4
Weight/Gal., Lbs.	7.9-8.2	7.5-8.3	7.4-7.7

C. CONTAINER SIZES

1 gallon - 6 per carton
5 gallon container
30 gallon drum
55 gallon drum

D. LABELS

Each container shall be neatly labeled with OCF Label No. L.1.214.

E. WARRANTIES

Manufacturer to warrant material meets these specifications and will replace material not in accordance with specification.

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Produced in Canada under seal by order of
Judges Paul Riley and Gordon Macg.
October 16, 1961. In Janina v. A. P. G.
et al. 67-11230

OC 5488
CC-42-1



PURCHASE ACCEPTANCE STANDARDS

No. CRM.59.1.466

Date 7/31/62

Supersedes 6/30/61

MATERIAL - D. L. Roof Coat Asphalt Emulsion (Flintkote "Levelcoat")

SCOPE

This specification covers the necessary data for ordering fibrated asphalt emulsion used for surface treatment of level built-up roofs.

A. DESCRIPTION

D. L. Roof Coat is an emulsion of 100 penetration steam refined asphalt made with a mineral colloid emulsifier and asbestos. It is available for brush or spray application.

B. PROPERTIES

	<u>Minimum</u>	<u>Maximum</u>
Softening Point (R & B) °F.	105	118
Pen. 77 F., 100 gms. 5 sec.	85	120
Flash C.O.C. F.	500	-
Ductility 77 F., 5 cms./min.	100	-

Specification and Properties of Finished Product

	<u>Rutherford</u>	<u>New Orleans</u>	<u>Chicago Hts.</u>
Asphalt, % by weight			
Water, % by weight	52.0 - 59.0	52.0 - 59.0	59.5 - 66.5
Asbestos Fiber, % by weight	2.7 - 3.2	2.5 - 3.0	2.0 - 2.5
Ash, % by weight	7.6 - 9.1	7.6 - 9.1	7.4 - 8.9
Solid, % by weight	44.4 - 50.4	41.2 - 47.2	33.8 - 39.8
Consistency aluminum Con. Pen. @ 77°F, 5 gms.	355 - 365	355 - 365	345 - 355
Wt./lbs. per gal.	8.5 - 9.0	8.4 - 9.0	8.4 - 9.0
Appearance	Semi-dull brownish black, fibrous		
Consistency	Light Paint		
Suspendability	Will remain suspended		
Stability to Electrolytes	Stable to the sulphuric acid test		
	Stable to the lime test		
Stability to Mechanical Agitation	Stable to brushing and spraying		
Stability to Freezing	Partially stable to freezing		
Stability to Aging	Thickens with time, but remains of a character which permits thinning by addition of water		

Properties of Dried Emulsion Film

Appearance	Black, fibrous surface, free from checks and cracks
Resistance to Water	Must pass tap water soaking test
Resistance to Heat	Must pass Bunsen Burner test
Ductility	Reasonably comparable to original asphalt

CRM.59.1.366
7/31/62

- 2 -

C. CONTAINERS

All D. L. Roof Coat will be in 18 gauge, 55 gallon, fully removable, open head, arm lever, reconditioned drums and in 29 gauge 5 gallon pails. For 26 gauge pails, add \$0.04 per gallon to price.

D. LABELS

Each container shall be neatly labeled with OCF Label No. L.1.213.

E. WARRANTIES

Manufacturer to warrant material meets these specifications and will replace material not in accordance with specification.