GENERAL DESCRIPTION

Hydrotech's Monolithic Membrane 6125 is a highly modified rubberized asphalt.

BASIC USE

Hydrotech's Monolithic Membrane 6125 is specifically designed to be used as a roofing and/or waterproofing membrane typically on concrete substrates in vertical or horizontal applications such as roof decks, parking decks, reflecting pools, plazas, mechanical room sub-floors, foundation walls, tunnels and planters.

SIZES

Hydrotech's Monolithic Membrane 6125 is available in recyclable cardboard cartons containing individual 40 pound cakes of material.

TECHNICAL SPECIFICATIONS

PROPERTY	TEST METHOD	RESULT
FLASH POINT	ASTM D-92 CGSB-37.50-M89	502°F (261°C)
PENETRATION	ASTM D-5329 CGSB-37.50-M89	98 mm @77°F (25°C) 187mm @122°F (50°C)
FLOW	ASTM D-5329 CGSB-37.50-M89	1.0 mm @140°F (60°C)
TOUGHNESS	CGSB-37.50-M89	16.0 Joules
RATIO OF TOUGHNESS TO PEAK LOAD	CGSB-37.50-M89	0.069
WATER VAPOR PERMEABILITY	ASTM E-96, Procedure E CGSB-37.50-M89	0.3 ng/Pa(s)m^2
WATER ABSORPTION	CGSB-37.50-M89	0.11 gram weight gain
LOW TEMPERATURE FLEXIBILITY (-25°C)	CGSB-37.50-M89	No delamination, adhesion loss or cracking
LOW TEMPERATURE CRACK BRIDGING (-25°C)	CGSB-37.50-M89	No cracking, adhesion loss or splitting
HEAT STABILITY	CGSB-37.50-M89	No change in viscosity, penetration, flow or low temperature flexibility
VISCOSITY	CGSB-37.50-M89	11.0 seconds
WATER RESISTANCE (5 days @ 50°C)	CGSB-37.50-M89	No delamination, blistering, emulsification or deterioration

CONTINUED PAGE 2

PROPERTY	TEST METHOD	RESULT
SOFTENING POINT	ASTM D-36	180°F (82°C)
ELONGATION	ASTM D-5329	1000% minimum
RESILIENCY	ASTM D-5329	40% minimum
BOND TO CONCRETE	ASTM D-5329	Pass @0°F (-18°C)
ACID RESISTANCE	ASTM D-896, Procedure 7.1 (N-8)	Pass - 50% Nitric Acid - 50% Sulfuric Acid
RESISTANCE TO HYDROSTATIC PRESSURE	ASTM D-08.22, Draft 2 (developed: D5385)	100 psi (= 231 foot head of water)
RESISTANCE TO SALT WATER (20% sodium carbonate and calcium chloride)	ASTM D-896 similar	No delamination, blistering, emulsification or deterioration
RESISTANCE TO FERTILIZER (undiluted 15/5/5 nitrogen/phosphorus/potash)	ASTM D-896 similar	No delamination, blistering, emulsification or deterioration
RESISTANCE TO ANIMAL WASTE	3 year exposure	No deterioration
SOLIDS CONTENT		100%
SHELF LIFE		10 years (sealed)
SPECIFIC GRAVITY		1.15 ± 0.02

CANNONDESIGN

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB
PROJECT NAME

8274 BIG BEND BLVD
ADDRESS

NUMBER

WEBSTER UNIVERSITY
OWNER

CANNON DESIGN
ARCHITECT / ENGINEER

DEVIN D GATES
SUBMITTED BY

071413-001
CONTRACTOR / CM SUBMITTAL NO.

CANNON DESIGN SUBMITTAL NO.

DRAWING / DETAIL REFERENCE

071413
SPECIFICATION SECTION / PARAGRAPH

MANUFACTURER / SUPPLIER

ITEM / PRODUCT ID

REQUIRED DATE

PRIORITY

◯ CRITICAL

ITEM BEING SUBMITTED (check only one)

- ◯ Shop Drawings
- ◯ Samples (_____ copies)
- ◯ LEED Submittal
- ◯ Certification / Qualifications
- ◯ Record Documents
- ◯ Product Data
- ◯ Coordination Drawing
- ◯ Calculations
- ◯ Schedules
- ◯ O&M Manuals
- ◯ Other _____

ITEM BEING SUBMITTED FOR (check only one)

- ◉ Action
- ◯ Information Only
- ◯ Record

REMARKS OR DEVIATIONS

This is seperate than 071413-007 but has been cross-checked for compatibility.

CONTRACTOR / CM CERTIFICATION
(SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)

PARIC

PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:
Devin D. Gates

DEVIN D GATES
REVIEWED BY

1/12/16
DATE

To be completed by Reviewer

07 1413-001
CANNON DESIGN SUBMITTAL NUMBER

1/12/17
RECEIVED DATE

- ◉ A. No Exceptions Taken
  No further review of submittal is required.
- ◯ B. Make Corrections Noted
  Incorporate corrections in work; resubmission is not required.
- ◯ C. Revise and Resubmit
  Revise as noted, and resubmit for review.
- ◯ D. Rejected
  Submittal is not in compliance with Contract Documents; provide new submittal.
- ◯ E. For Record / Information Only
  Submittal was reviewed for Record / Information purposes only.
- ◯ F. Not Required for Review
  Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS

◯ See attached sheet(s) for additional comments

REVIEWED BY

1/16/17
DATE

LETTER OF TRANSMITTAL

WESTERN™
SPECIALTY CONTRACTORS
CONFIDENCE THROUGH PERFORMANCE

1947 Gravois Avenue
St .Louis, MO 63104
Phone: (314) 773-8813 Fax: (314)773-0843

DATE	JOB
2-Dec-16	Webster U ISB
ATTENTION	
Devin Gates	

TO: Paric Corporation

Re: Waterproofing Submittals

We are Sending You

- [x] Submittals
- [ ] Lien waiver
- [ ] Signed change order
- [ ] Insurance Certificate
- [ ] Quotation
- [ ] Signed contract
- [ ] Change order reqest
- [ ] Invoice
- [ ] Copy of Letter
- [ ] Warranty
- [ ] Request for information
- [ ] Other _____

Copies	Date	Description
1		Hydrotech 6125 Membrane (2 pgs)
1		Hydrotech Surface Conditioner (1 pg)
1		Hydrotech Flex Flash - F (1 pg)
1		Hydrotech Flex Flash - UN (1 pg)
1		Hydrotech 30 Protection Board (1 pg)
1		Hydrotech Bonding Adhesive (1 pg)
1		Hydrotech Lap Sealant (1 pg)
1		Hydrotech Splice Cement (1 pg)
1		DOW PLAZAMATE Insulation Panels (2 pgs)
1		Filter Fabric (1 pg)
1		Sketch Sheets of Areas Receiving waterproofing and paver system (paver layout inc.) (2 pgs)
1		Hydrotech Flex-Flash Typical Flashing Details (4 pgs)

THESE ARE TRANSMITTED as checked below:

- [x] For approval
- [ ] For your use
- [ ] As requested
- [ ] For review and comment
- [ ] FOR BIDS DUE

CELEBRATING 100 YEARS WESTERN™ SPECIALTY CONTRACTORS 1915 2015

REMARKS:

PAVER SAMPLES AND COLORS ARE ONSITE.....Let me know if you should need anything else.

Copy: File

Signed: Thomas J Belgeri / Dept Mgr - StL 01

If enclosures are not as noted, kindly notify us at once.