



Wisconsin Department of Transportation

TACKIFIER - Incidental to Bid Item 627.0200/05

Date last edited: 4/30/2016

MANUFACTURER	PRODUCT	WDNR USE RESTRICTION (Maximum App. Rate)
Central Fiber Corp.	Hydroboost Tacpac GT	*
Profile Products	Con-Tack A/T	*
Eastern Products Inc.	Eco Tak-OP	*
Eastern Products Inc.	Eco Tak-SAT	*
HydroStraw	Fiber RX	*
Innovative Turf Solutions	Hydra Tac	*
Mat Inc.	Mat-ST-SS	*

* - Product approved prior to WDNR toxicity review requirement - apply per manufacturer's instructions

Wisconsin Department of Transportation - Erosion Control PAL

Erosion Mat

Last update: August 4, 2023

Annual submittal review cycle for this list runs from 4/1 to 3/31. Review of submittals received after 3/31 will default to the next cycle. For products currently on the list: Send an annual certification letter by 3/31 stating the product is substantially equal to the tested product, the manufacturer and product names are correct as noted on the list below, and the manufacturing location is the same as the tested material. Certifications not received by 3/31 will be removed from the list.

New applications: follow PAL Guidelines (<https://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/tools/pal/default.aspx>)

EROSION MAT CLASS I TYPE A - Bid Item 628.2001

MANUFACTURER	PRODUCT	MIN. ANCHOR FREQUENCY (#/SY)
American Excelsior	Curlex I CL	1.1
American Excelsior	AEC Premier Straw SN	1.7
American Excelsior	Curlex I	1.7
Ero-Guard	EG-1s	1.7
Erosion Control Blanket	S 31	1.7
Erosion Tech	ETRS-1	1.7
Kansas Erosion Products	KEP-S1	1.2

Degradable Net Options **

MANUFACTURER	DEGRADABLE MAT PRODUCTS **	MIN. ANCHOR FREQUENCY (#/SY)
American Excelsior	Curlex I WH	1.7
Ero-Guard	EG-1s RD	1.7
Erosion Control Blanket	S 31BD or S31UVD	1.7
Erosion Tech	ETRS-1-RD	1.7
Kansas Erosion Products	S1RD	1.2

EROSION MAT CLASS I TYPE B - Bid Item 628.2003

MANUFACTURER	PRODUCT	MIN. ANCHOR FREQUENCY (#/SY)
American Excelsior	Curlex II	3.8
American Excelsior	Curlex II CL	3.8
American Excelsior	Premier Straw DN	3.4
American Excelsior	Premier Straw/Coconut	3.4
Enviroscape	S2000BD	3.8
Ero-Guard	EG-2S	3.8
Erosion Control Blanket	S32	3.8
Erosion Tech	ETRS-2	3.8
Kansas Erosion Products	KEP-S2	3.8
US Erosion Control	US-2S	3.8

Degradable Net Options **

MANUFACTURER	DEGRADABLE MAT PRODUCTS **	MIN. ANCHOR FREQUENCY (#/SY)
Enviroscape	S2000BD	3.8
Erosion Control Blanket	S32BD or S32UVD	3.8
Erosion Tech	ETSC-7030-BD	3.8
Erosion Tech	ETRS-2-RD	3.8

** - Note: Photo / Rapid / Bio Degradable Mats - Only utilize these mats when vegetation will be established within 1.5 months.

Photodegradable and Rapid Degradable Mats - additives have been added to the netting & thread to expedite degradation.

Degradable mats may not be organic as required for urban mats.

EROSION MAT URBAN CLASS I TYPE A - Bid Item 628.2006

MANUFACTURER	PRODUCT ***	MIN. ANCHOR FREQUENCY (#/SY)
American Excelsior	AEC Premier Straw Single Net Fibrenet RY	1.9
American Excelsior	Curlex I Fibrenet	1.1
American Excelsior	Curlex II Fibrenet	1.1
Enviroscape	S1000BD	1.7
Ero-Guard	EG-1S NN	2.5
Erosion Control Blanket	S 31BD	1.7
Erosion Tech	ETRS-1 BN	1.7

EROSION MAT URBAN CLASS I TYPE B - Bid Item 628.2008

MANUFACTURER	PRODUCT ***	MIN. ANCHOR FREQUENCY (#/SY)
American Excelsior	AEC Premier Straw Double Net FibreNet	2.5
American Excelsior	Curlex NetFree	1.9
Ero-Guard	EG-2S NN	2.5
Erosion Control Blanket	S32BD	1.7
Erosion Tech	ETRS-2 BN	1.7
Kansas Erosion Products	S2 Natural	1.2

*** - Note: Urban Mats must be 100% organic. Mat thickness may be less than classification and primary acceptance criteria noted in the PAL guide.

EROSION MAT CLASS II TYPE A - Bid Item 628.2021

CLASS II TYPE A - Jute fiber only
 Jute shall conform to the Wisconsin Department of Transportation Standard Specifications for Highway and Bridge Construction section 628.2.2. This netting is used for reinforcing sod. No approval is required for this Class and Type.

EROSION MAT CLASS II TYPE B - Bid Item 628.2023

MANUFACTURER	PRODUCT	MIN. ANCHOR FREQUENCY (#/SY)
American Excelsior	AEC Premier Coconut	2.2
American Excelsior	AEC Premier Coconut FibreNet	2.2
Enviroscape	C4000	3.8
Erosion Control Blanket	C32 or C32BD	3.8
Kansas Erosion Products	C100	3.8

EROSION MAT CLASS II TYPE C - Bid Item 628.2027

MANUFACTURER	PRODUCT	MIN. ANCHOR FREQUENCY (#/SY)
Hanes Geo Components	Coirmat 780	3.8
Kansas Erosion Products	C100 Natural	3.8

EROSION MAT CLASS III TYPE A - Bid Item 628.2031

MANUFACTURER	PRODUCT	MIN. ANCHOR FREQUENCY (#/SY)
American Excelsior	Curlex III Fibrenet	1.9
Erosion Control Blanket	P-42	3.1

EROSION MAT CLASS III TYPE B - Bid Item 628.2033**EROSION MAT CLASS III TYPE C - Bid Item 628.2037****EROSION MAT CLASS III TYPE D - Bid Item 628.2039**

No products are on the approved products list for Class III B-D mats. Project leaders should contact regional SWECs or products engineer for projects with one of these mats.

Products will be approved on the project level based on certification of compliance when necessary.



ANCHORING DEVICES FOR CLASS I, URBAN EROSION MAT - Incidental To Bid Items 628.2006,8

Date last edited: 4/30/2019

MANUFACTURER	PRODUCT
American Excelsior	E-Staple
CFM Corp.	CF Bio Staple
Eco-Turf	Bio-Plus
Green Stake	Green Stake
North American Green	Bio-Stake
ODC Inc.	Enviro-Stake



SOIL STABILIZER TYPE A - Bid Item 628.6505

Date last edited: 4/16/2018

MANUFACTURER	PRODUCT	MINIMUM APP. RATE (#/ac)	WDNR USE RESTRICTION (Maximum App. Rate, #/ac)
American Excelsior	Bindex	3200	3413
Mat, Inc.	Soil Guard	3500	*
North American Green	Hydra CX-2	3500	4000
North American Green	Hydra CM	3500	4000
Profile Products	Flexterra HP	3500	3500
Profile Products	ProMatrix	3500	3500
Terra Novo	Earth Guard Fiber Matrix	3000	3000
US Gypsum Company	Airtrol Plaster (to be used only in combination with a wood mulch)	4500# in addition to 1650# of a standard processed wood fiber mulch	*

*Product approved prior to WDNR toxicity review requirement - apply per manufacturer's instructions



SOIL STABILIZER TYPE B - Bid Item 628.6510

Date last edited: 4/16/2018

MANUFACTURER	PRODUCT	MINIMUM APP. RATE (#/ac)	WDNR USE RESTRICTION (Maximum App. Rate, #/ac)
Agrecol	B100	20	*
Construction Fabrics and Materials	CF 2000	20	89
ENCAP	PAM-12 Plus **	2000	6000
Polymer Plus, LLC	PolyPlus	20	*
Soilnet	TRIPAM	54	88
Soilnet	35	54	75
Soilnet	50	54	97

*Product approved prior to WDNR toxicity review requirement - apply per manufacturer's instructions

**Product is furnished with a paper tracer - this is not a mulch



INLET PROTECTION

Date last edited:12/1/2021

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New applications: follow PAL Guidelines (<https://wisconsindot.gov/Pages/doing-bus/eng-consultants/cnslt-rsrcs/tools/pal/default.aspx>)

TYPE A - Bid Item 628.7005

MANUFACTURER	PRODUCT

TYPE B - Bid item 628.7010

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TYPE C - Bid Item 628.7015

Type D - Bid Item 628.7020

GEOTEXTILE FABRIC TYPE FF

Use for all inlet protection unless an approved product from above list is utilized.

Hanes Geocomponents	TerraTex EP12
Winfab	2105FF