

Asphalt Release Agent - Approved Products

At this time, any/all products or processes are approved if meeting the requirements presented herein

The products and suppliers listed below are provided as additional reference. This listing is not intended to be exclusionary rather informational.

AS OF 1/1/2018, ALL PRODUCTS USED FOR THIS APPLICATION MUST BE TESTED AND APPROVED THROUGH AASHTO NATIONAL TRANSPORTATION PRODUCT EVALUATION PROGRAM (NTPEP).

2018 WisDOT Asphalt Release Agent NTPEP Approval Criteria:

- Asphalt Stripping Test:
 - o No stripping or discoloration can be observed for asphalt treated with both diluted and full-strength asphalt release agents.
- Mixture Slide Test:
 - o < 10 grams retained.
- Asphalt Performance Test:
 - o All test specimen must be able to withstand more than 3 pulls before 10% of the poured binder weight is retained on the plate.
 - Example of a failing asphalt performance test: If the reported test pull number (when 10% binder is retained) comes from the 1st, 2nd or 3rd pull, the test fails.

Suppliers may request WisDOT evaluation once the NTPEP testing cycle is complete. Any change to the approved asphalt release agent (in formulation or composition) requires re-evaluation of the material and the new product must receive departmental approval prior to use. NTPEP test data is acceptable only if it is less than three years old and re-approval of asphalt release agents is required every 3 years. The department assigns the expiration date based on the NTPEP test date. A written request for re-approval must be submitted to the department at least two weeks prior to the expiration date for the product to remain in the Approved Products List.

When submitting a written request for approval to the department, the following must be included:

- Company Name
- Physical and mailing addresses
- Product brand name
- Contact person's name with email address and phone number
- NTPEP product identification

Send submittal information to:

Steve Hefel
 Wisconsin Department of Transportation
 Bureau of Technical Services, Truax Center
 3502 Kinsman Blvd
 Madison, WI 53704

steven.hefel@dot.wi.gov (Note: email is to be used as the primary means of sending this information)

Date last edited: 010/11/2019

Supplier/Manufacturer Name	Product	Dilution Ratio	Expiration/Removal Date
BG Chemical	Black Magic	10 to 1	12/31/2019
BG Chemical	GreenGuard Asphalt Release	10 to 1	12/31/2019
Brody Chemical	First Choice	20:1	12/31/2020
Brody Chemical	First Choice Plus	10:1	12/31/2020
ChemStation	8277	4:1	12/31/2019
ChemStation	40019D	4:1	12/31/2021
ChemStation	8473	4:1	11/2018
Chemtech Inc.	CT 6550	5:1	12/31/2020
Chemtek	357	None	12/31/2021
Compound Technologies, Inc.	BMF asphalt release agent	5:1	12/31/2019
Compound Technologies, Inc.	No.1	5:1	12/31/2019
Compound Technologies, Inc.	SPX 7	5:1	1/2018
KT Chemicals	ClearRelease (Also AR 50)	Use as received	06/2018
KT Chemicals	Popcorn Buster	Use as received	11/2018
Lubrication Technologies, Inc.	Lube-Tech Endurance HD	10:1	12/31/2022
Meyer Lab	Ultra Slider	20:1	12/31/2020
Meyer Lab	Avalanche (AR 101)	5:1	11/2018
Miller Chemical Technology	BTR720	Use as received	07/2018

