

## "Acceptable" Anti-stripping Asphalt Hot Mix and Warm Mix Additives for 2023 NS Department of Public Works Paving Projects

The products on this list have been subjected to an internal Occupational Health and Safety Review by NSDPW respecting formulation and the toxicology of ingredients and have been determined to meet departmental criteria for use on 2023 paving projects. Inclusion on this list indicates that the product has been reviewed with respect to potential health effects on workers who may be exposed to it during asphalt hot or warm mix plant, spreading and compacting operations. Their use is governed by the NSDPW 2023 Action Plan for the Use of Liquid Anti-stripping Asphalt Additives on NSDPW Projects.

Product	Supplier	Maximum * Concentration
<b>Additives that do NOT contain active amine compounds:</b>		
<b>Latex emulsion or polymeric treatment</b>		
Ultracote	Ultrapave (Textile Rubber and Chemical Co. Affiliate)	
<b>Organosilane compounds</b>		
Zycosoil	Zydex	0.5%
Zycotherm	Zydex	0.5%
Zycotherm SP	Zydex	0.5%
Zycotherm SP2	Zydex	0.5%
<b>Phosphate compounds</b>		
CWM-P	Chemoran	0.5%
Evotherm P25	Ingevity	0.75%
NovaGrip 975	Arkema/Arr-Maz – Road Science Division	0.5%
NovaGrip 1212	Arkema/Arr-Maz – Road Science Division	0.5%
Wetfix G400	Nouryon	0.5%
<b>Additives that DO contain active amine compounds:</b>		
AD-here LOF 65-00	Arkema/Arr-Maz - Road Science Division	0.5%
Evotherm M1	Ingevity	0.5%
Pave Bond Lite	Ingevity, Distributed by Brenntag	1.0%

\* Maximum concentration of liquid anti-stripping asphalt additive in hot liquid asphalt cement, as delivered to the hot or warm mix plant. Addition at the asphalt plant is not allowed.

***Please note that inclusion on this list does not attest to efficacy of use with any specific aggregate or approval for use on any specific project. Testing for each project will be required for this purpose.***

From time to time this list will be revised. Suppliers wishing to have a product considered for possible inclusion on revised lists should contact:

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