

# Pavements

## Asphalt

### Anti-Stripping Treatments (formerly Anti-stripping Additives)

List # 3.05.10

Page 1 of 2

Date: 01-Apr-2021

CUSTODIAL OFFICE : EMO - Bituminous - (416) 235-3715

Anti-Stripping Treatment (AST) means a treatment used to minimize stripping of asphalt cement from HMA aggregates, and the type can be either AST-AGG or AST-AC.

- Aggregate Anti-Stripping Treatment (AST-AGG) means an AST applied directly to the HMA aggregates prior to incorporating them into the mixer or dryer at the HMA plant.

- Asphalt Cement Anti-Stripping Treatment (AST-AC) means an AST added directly to the asphalt cement to be used in the mix, prior to incorporating it into the mixer at the HMA plant.

Notes:

- Compatibility, effectiveness, and quantity of additive shall be verified with PGAC manufacturer.

- Hydrated lime is exempt from this DSM listing.

- Actual dosage shall be determined through TSR testing, using the particular aggregates and asphalt cement of the project according to Contract Documents.

Company	Product Name	Type	Minimum Dosage
<b>Arkema - Road Science</b> 6502 South Yale Avenue Tulsa OK 74136 Tel: 863-800-4685 Email: hohara@roadscience.net Web: www.roadscience.net	AD-here LOF 65-00	AST-AC	0.5% by wt. of asphalt cement
	AD-here 77-00	AST-AC	0.5% by wt. of asphalt cement
	WarmGrip N1	AST-AC	0.5% by wt. of asphalt cement
<b>Coco Asphalt Eng'g, Div/Coco Paving (Wilson Ave)</b> 949 Wilson Avenue Toronto ON M3K 1G2 Canada Tel: 416-633-9670 Fax: 416-633-5318 Web: www.cocogroup.com	Hyper-Stick 2000	AST-AC	0.8% by wt. of asphalt cement
<b>Ingevity</b> 5255 Virginia Ave., North Charleston SC 29406 United States Tel: 843-740-2205 Fax: 843-740-2247 Web: www.ingevity.com  <b>Distributor:</b> <b>McAsphalt Industries Ltd.</b> 8800 Sheppard Avenue East Toronto ON M1B 5R4 Tel: 416-281-8181 Fax: 416-281-8842 Toll Free: 800-268-4238 Email: info@mcasphalt.com Web: www.mcasphalt.com	Evotherm M1	AST-AC	0.5% by wt. of asphalt cement
<b>Ingevity</b> 5255 Virginia Ave., North Charleston SC 29406 United States Tel: 843-740-2205 Fax: 843-740-2247 Web: www.ingevity.com  <b>Distributor:</b> <b>Brenntag Canada Inc.</b> 43 Jutland Rd Toronto ON M8Z 2G6 Canada Tel: 416-259-8231 Fax: 416-259-5333 Web: www.brenntag.ca	Pave Bond Lite	AST-AC	0.5% by wt. of asphalt cement

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Company	Product Name	Type	Minimum Dosage
<b>Nouryon</b> 131 S. Dearborn Street, Suite 1000 Chicago IL 60603 us Tel: +1 800-906-9766 Toll Free: 800-489-9124 Email: Donna.Kwapis@nouryon.com Web: www.nouryon.com/asphalt	Redicote C-2914	AST-AC	0.3% by wt. of asphalt cement
<b>Ultrapave Corp.</b> 1300 Tiarco Drive Dalton GA 30721 United States Tel: 706-277-1300 Fax: 706-277-7876 Toll Free: 800-727-8453 Email: bbaughman@trcc.com Web: www.ultrapave.com  <b>Distributor:</b> <b>The Miller Group (Gormley)</b> 287 Ram Forest Road Gormley ON L0H 1G0 Canada Tel: 905-726-9518 Fax: 905-726-4180 Email: marketing@millergroup.ca Web: www.millergroup.ca	UP-5000	AST-AGG	0.0375% latex solids by wt. of total aggregates
<b>Zydex</b> 106 Hawk Drive Morrisville NC 27560 USA Email: radhika@zydexindustries.com Web: www.zydexindustries.com  <b>Distributor:</b> <b>Aecon Materials Engineering</b> 10 Perdue Court, Units 2-3 Caledon ON L7C 3M6 Canada Tel: 905-840-5914 Fax: 905-840-7859 Toll Free: 1-800-999-5380 Web: www.aecon.com	ZycoTherm-EZ	AST-AGG	0.01% undiluted ZycoTherm-EZ per unit weight of aggregate
	ZycoTherm	AST-AGG	0.015% undiluted ZycoTherm per unit weight of aggregate
	ZycoTherm-SP2	AST-AC	0.075% by wt. of asphalt cement