



# TEC-SHIELD

## Asphalt Release / Equipment Lubrication

Recommended dilution instructions

Pavers (rubber tracks included), Shuttlebuggies (MTV's), Tools and Plant drags (rubber belt conveyors and silos included) : 8 parts water 1 part Tec-Shield

Tec-Shield is a Highly-Concentrated product dispensed from a simple water pressure mixer mounted on the 55-gal drum. The mixer comes set-up for 8 parts of water to 1 part Tec-Shield. Tips can be inserted to achieve higher dilution rates. TOOLS: start off with a 5:1 mix to get crews jump started.

Rubber tire rollers: For a standard 110 gal. Tank (Range 5 to 1 -> 60 to 1)

Higher dilution rates can be used for different asphalt types (ask your Tec-Team Rep) If pick-up occurs, weaker solutions sometimes work better than richer solutions. (Customers have used Tec-Shield on SMA mixes with success.)

POLYMER MIX ASPHALT: 1-2 gallons Tec-Shield to 110 gal. water (110:1-55:1) 3 gallons Tec-Shield to 110 gal water (36:1)

Truck beds: STANDARD MIX ASPHALT: 40+ : 1 POLYMER MIX ASPHALT : 20-40+ : 1 NOVA CHIP ASPHALT : 8 : 1

In the beginning, more Tec-Shield will be used until the crews get used to our plating out properties, then, crews will naturally taper off in their usage until greatest economy is achieved.

Conventional paving:

1. Spray asphalt contact areas at startup
2. Once paver is warmed up - spray contact areas (6 or more times per 10 hour day) (If there is asphalt build-up; spray above asphalt line and let it trickle down behind asphalt which, in the heated environment, will cause any sticking asphalt to peel off)
3. Rubber tracks work best with wide angle spray tips mounted onboard.
4. End of day- Allow for 5 or so truckloads – spray down asphalt contact areas so the last 5 or so truckloads will clean all surfaces to make end of day shut-down less time-consuming.  
The lubrication value of Tec-Shield is PROVEN and can greatly extend the life of equipment



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