



CaCl₂ & MgCl₂ Stabilized FDR

What types of existing pavement structures are CaCl₂ & MgCl₂ Stabilized FDR best suited for?

They are particularly well suited for soils that have high fines and/or clay content.

Does CaCl₂ & MgCl₂ Stabilized FDR increase the base strength?

Yes, a slight improvement in structure is achieved through the binding properties of the liquid.

What is the typical treatment depth?

4" to 6".

What special requirements should I be aware of?

Non-engineered, no need for a mix design.

Emulsion Stabilized FDR

What types of existing pavement structures is Emulsion Stabilized FDR best suited for?

It is particularly adaptable to pavements with existing bituminous layers over granular and sandy base soils. Additional materials such as RAP or aggregate can be used to enhance the gradation of the existing materials.

Does Emulsion Stabilized FDR increase the base strength?

Yes, the emulsion stabilized material creates a cohesive bound layer that is resilient and flexible. The end result is increased structural capacity that is ideal for northern climates.

What is the typical treatment depth?

3" to 5"

What special requirements should I be aware of?

Existing materials should be analyzed to develop a proper mix design. The process requires curing prior to surfacing.

Cement Stabilized FDR

What types of existing pavement structures is Cement Stabilized FDR best suited for?

It can be used with non-engineered base materials that may be high in fines with limited bituminous pavement layers.

Does Cement Stabilized FDR increase the base strength?

Yes, the thick stabilized layer allows for distribution of loads, while the Portland Cement will bind existing materials providing for a rigid base.

What is the typical treatment depth?

6" to 8".

What special requirements should I be aware of?

Existing materials should be analyzed to develop a proper mix design. The process requires curing with continuous hydration prior to surfacing.



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ASMG – Your Source for all types of Full Depth Reclamation (FDR)

Full Depth Reclamation (FDR) is an economical and effective option for roads in need of rehabilitation and base stabilization. Recycling the existing pavement and materials makes FDR an environmentally friendly solution when rebuilding a road.

Using our state-of-the-art equipment ASMG pulverizes the existing pavement and base materials and then mixes them with one of three types of stabilizing agents:

1. **CaCl₂ & MgCl₂ Stabilization**
2. **Emulsion Stabilization**
3. **Cement Stabilization**

Once stabilized the road should be finished using one of our many surface treatments, conventional or warm mix pavements.

Learn More!

Call Us Today! 800-343-9620

or

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ASMG – Working with You to Recycle and Conserve our Natural Resources.

For more information about ASMG's innovative products or to learn more about All States Materials Group, call us toll-free at 800-343-9620 or visit our website at www.asmg.com.

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