



CRIUS CORP

ULTIMAT ASPHALT RESURFACER
AS MANUFACTURED BY CRIUS CORP.

www.CriusCorp.net

Technical Specifications

1.0 Description

1.1 Material Description:

ULTIMAT manufactured by CRIUS CORP. is an asphalt resurfacer designed to be a thin bonding wear course to existing asphalt pavement. ULTIMAT is tough and durable yet flexible.

ULTIMAT is designed to extend the serviceable life of asphalt pavement. ULTIMAT shall be blended with a specific gradation of aggregate as listed in Tables 1 and 2 below.

1.2 Application Description:

ULTIMAT is for use on asphalt pavement that is rated between 40 and 78 on the PCI index.

ULTIMAT will encapsulate the asphalt providing an additional wear coarse designed to prevent further degradation caused by the elements and maximize the pavement's lifecycle.

2.0 Materials

2.1 Aggregate:

The aggregate shall consist of durable manufactured sand, crushed stone, fines, or a combination thereof. The material should be dry, and should be free of all plant or organic matter. All aggregate to be used must be pre-tested and approved by CRIUS CORP. The aggregate, or combination of aggregates, shall meet the gradation shown in Tables 1 and 2 when tested in accordance with ASTM C 136.

Table 1. Gradation of Aggregates of the Base Lift

Sieve Size	% Passing
3/8	100.0
#4	100.0
#8	78.0
#16	44.0
#30	27.0
#50	17.0
#100	12.0
#200	8.5

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4.3 Finish Lift:

Install the finish lift of ULTIMAT using certified equipment as specified by CRIUS CORP. The installation shall be completed using truck mounted or self-propelled application assemblies. The finish lift must have a coverage rate of at least .50-.60 gallons per yard, or an installed rate of 6-7.0 lbs. per square yard. Lift must be applied at a speed not to exceed 8 mph to ensure best adhesion of the product. After curing, for low traffic applications the entire area may be rolled using a pneumatic roller to improve surface texture.

4.4 Edges:

All start and stop edges of both lifts must be taped with 2" painters tape to insure clean edges. The tape must be removed prior to curing.

4.5 Drying:

After finish lift of ULTIMAT has been applied, the entire area shall be closed off to all traffic (foot, bicycle, motorcycle, car, truck, etc.) for a period no less than 3 hours depending on weather conditions.

5.0 Application Restrictions

5.1 Temperature:

ULTIMAT shall be applied only when temperatures (both pavement and air) are at least 50 degrees and rising for a period of 24 hours after the application unless approved by Crius Corp where cold weather formulations may be used in extreme cases.

5.2 Precipitation:

ULTIMAT shall not be applied when rain is imminent. High humidity levels will also increase drying times of material.

5.3 Area of Installation:

Installation sections shall be coordinated with the onsite representatives as approved by the property owner.

5.4 Striping:

All striping is to be completed as specified by the owner.