



# DESIGN & INSPECTION MANUAL

*For Slurry Surfacing Systems*

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The ISSA Design and Inspection Manual for Slurry Surfacing Systems is intended as a guide to agencies and contractors. It is not intended or recommended that the information provided be used in its entirety as verbatim specifications. ISSA assumes no liability for any slurry systems applications applied pursuant to the information in this Manual.

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## Slurry Surfacing Mix Design

20 views April 4, 2023

A mix design is a laboratory model of expected slurry surfacing performance based on a specified mixture of job materials under specific application conditions. It...



## Slurry Surfacing Mixtures

18 views June 15, 2023

Slurry surfacing mixtures may contain some combination of emulsified asphalt, aggregate, mineral filler, water, and additives. Designer's Note: Micro surfacing systems require higher quality aggregate...

### Emulsified Asphalt Calibration Worksheet

Unit Number: \_\_\_\_\_ Date: \_\_\_\_\_

Emulsified Asphalt	Weight A (Lbs)	Weight B (Lbs)	Net Weight (Lbs) (wA-B)	Number of Coats	Lbs / Coat (=Net Wt Coats)
Sample 1					
Sample 2					
Sample 3					

\*\*Input data in blue shaded cells. Calculate data in white cells.\*\*

Average lbs / coat of Emulsified Asphalt:

### Mineral Filler Calibration Worksheet

Unit Number: \_\_\_\_\_ Date: \_\_\_\_\_

Emulsified Asphalt	Pd Weight (Lbs)	Empty Weight (Lbs)	Net Weight (Lbs) (= Pd-Empty)	Number of Coats	Lbs / Coat (=Net Wt Coats)
Sample 1					
Sample 2					
Sample 3					

\*\*Input data in blue shaded cells. Calculate data in white cells.\*\*

Average lbs / coat of Mineral Filler:

### Aggregate Calibration Worksheet

Unit Number: \_\_\_\_\_ Date: \_\_\_\_\_

Core Setting (inches)	Weight A (Lbs)	Weight B (Lbs)	Net Weight (Lbs) (wA-B)	Number of Coats	Lbs / Coat Wt Aggregate (=Net Wt Coats)
Sample 1					
Sample 2					
Sample 3					
Avg Wt Area Incoats					
= Moisture Factor = Avg Dry Area Incoats					
Core Setting (inches)	Weight A (Lbs)	Weight B (Lbs)	Net Weight (Lbs) (wA-B)	Number of Coats	Lbs / Coat Wt Aggregate (=Net Wt Coats)
Sample 1					
Sample 2					
Sample 3					
Avg Wt Area Incoats					
= Moisture Factor = Avg Dry Area Incoats					

\*\*Input data in blue shaded cells. Calculate data in white cells.\*\*