

SikaFiber® Micro Fibers

DISPATCH SHEET

BUILDING TRUST



SikaFiber Dosage Equivalent to Traditional Reinforced Slab on Ground

DISPATCHERS, BE SURE TO ASK...

“With SikaFiber®?”



SikaFiber®

Micro

\$ **per pound**

NOTE: All scheduled steel reinforcement is assumed to be located in the center of the slab. Charts below are for slab-on-ground applications only. Dosages for pavements and slab on ground are valid for SikaFibers **ONLY**.

Dosages developed utilizing third-party ASTM Beam tests and ACI standards. Contact your Sika Representative for: back-up calculations, reinforcing not shown, slab thickness not shown, compressive strengths not shown and dosing requirements for other applications including shotcrete, precast, structural floors, composite metal decks, etc.

SikaFiber® Micro Fibers

Plastic Shrinkage Crack Reduction

(Sika® Fibermesh® HP, Sika® Fibermesh® - 150, Sika® Fibermesh® - 300)

Decrease plastic shrinkage cracking due to:

- Hot Weather
- Low relative humidity
- High wind speed
- Rate of water evaporation

Improve durability

Decrease permeability

Improve impact resistance

Fibrillated micro fiber can replace light gauge wire mesh

Spacing	6x6			6x6		
Welded Wire Size:	W1.4			W2.1		
Slab Thickness (in):	4	5	6	4	5	6
Sika® Fibermesh®-300	1.5	1.5	1.5	2	1.5	1.5
SikaFiber®-400 FF	1	1	1	N/A	N/A	N/A

The products are manufactured under strict quality control conditions by Sika Corporation and exhibit the typical physical properties stated in the current data sheet for each of Sika's selected fibers. No express warranty is made with respect to the fiber, its condition, or its fitness for any particular purpose, except as expressly made in writing by Sika. **Always refer to the product data sheet and safety data sheet labels prior to use. Results may vary under expected site conditions depending upon mix design, mixing methods and equipment, temperature, application methods, test methods, actual site conditions, and curing conditions. NO WARRANTIES, EXPRESS OR IMPLIED, ARE GIVEN BY THIS LETTER, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

SikaFiber® Macro Fibers

DISPATCH SHEET

BUILDING TRUST



DISPATCHERS, BE SURE TO ASK...

“With SikaFiber®?”



SikaFiber®

Macro

\$ per pound

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SikaFiber® Macro Fibers Plastic Shrinkage Crack Reduction	SikaFiber®	WWF
Reinforces against plastic shrinkage crack formation	Yes	No
Holds cracks together	Yes	Yes
Reinforces against impact forces	Yes	No
Reinforces against abrasion	Yes	No
Reinforces against water migration	Yes	No
Rustproof and corrosion resistant	Yes	No
Nonmagnetic	Yes	No
Minimum required concrete cover	0"	2"
Three-dimensional reinforcing	Yes	No
Always positioned in compliance with codes	Yes	No
Safe and easy to use	Yes	No
Can be used to replace wiremesh & rebar	Yes	No

Spacing		6x6			6x6			6x6		
Welded Wire Size:		Up to W2.5			W2.9			W4.0		
Slab Thickness (in):		4	5	6	4	5	6	4	5	6
3000 psi	Sika® Fibermesh®-650	3	3	3	3.5	3	3	4.5	3.5	3
	SikaFiber® -800 Stealth	3	3	3	3.5	3	3	5.5	4	3
	SikaFiber®-820 Stealth TW	3	3	3	3.5	3	3	5	4	3.5
4000 psi	Sika® Fibermesh®-650	3	3	3	3.5	3	3	4.5	3.5	3
	SikaFiber® -800 Stealth	3	3	3	3.5	3	3	5.5	4	3
	SikaFiber®-820 Stealth TW	3	3	3	3.5	3	3	5	4	3.5
5000 psi	Sika® Fibermesh®-650	3	3	3	3.5	3	3	4.5	3.5	3
	SikaFiber® -800 Stealth	3	3	3	3.5	3	3	5.5	4	3
	SikaFiber®-820 Stealth TW	3	3	3	3.5	3	3	5	4	3.5

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