



THE COMPLEAT SCULPTOR

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Tech Sheet - Softening Evergreen 10 Using Everflex™ Flexibilizer

Everflex™ Flexibilizer is a softening agent that lowers the cured durometer of Evergreen 10. The charts below indicates the effect of the flexibilizer has on cured Evergreen 10 after 24 hours when added as a percentage of the total mix.

Using Flexibilizer By Weight ... For best results, you should use an accurate scale to properly use Everflex™ with Evergreen 10. Everflex™ should be weighed and must be thoroughly mixed (at least one minute) with the appropriate amount of Part B before combining with Part A.

Softening Evergreen 10 with Everflex™

Normally, Evergreen 10 cures to an ultimate hardness of Shore A 10. Evergreen 10 can be made softer and more flexible by adding different percentages of Everflex™.

Parts By Weight				Shore A*	Shore 00*		
Part B +	Everflex™	(mix thoroughly)	+	Part A	=	Hardness	Hardness
100	0			100	=	10	72
100	25			100	=	8	63
100	50			100	=	3	56
100	100			100	=	-	37
100	200			100	=	-	22

*Shore hardness obtained after 24 hours

Using Everflex™ by volume with Evergreen 10. . . if you want to add Everflex™ by volume instead of by weight, you can do so by measuring out equal amounts of parts A, B and Everflex™. As indicated above, this will result in a cured Shore 00 hardness of 37. Or measure out 2 parts of Everflex™ to 1 part each of A and B to achieve a Shore 00 hardness of 22.

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