

MOOI GOES JESMONITE®

2 Tagesworkshop zum Material „Jesmonite®“ mit den Londoner Künstlerinnen Olivia Aspinall (Olivia Aspinall Studio) & Claire Baily (Ornamental Grace)

Jesmonite®

Jesmonite® was invented by Peter Hawkins in 1984 as a safe alternative to fibreglass and as a light-weight alternative to cast concrete. It can be used to replicate the appearance or texture of any surface finish in any number of colours. It is strong, light weight, fire resistant and water based. Jesmonite **AC100** is supplied as two components; a water based acrylic liquid, and a mineral base. It is suitable for internal & external use, however if used externally a sealer or suitable paint system is recommended to protect surface appearance.

MIX RATIO 2.5 POWDER : 1 LIQUID

Total Mix (g)	Powder	Liquid	Thixothrope	Pigment (maximum)
100	71	29		2
200	143	57		4
300	214	86		6
400	286	114		8
500	357	143		10
600	429	171		12
700	500	200		14
800	571	229		16
900	643	257		18
1000	714	286	2-6g	20g max

THIXOTHOPE :

addition 2-6g per kg. For smaller amounts add drop by drop until required consistency

PIGMENT :

2% by weight of total mix will produce a very strong colour Reduce as necessary for required strength

2-6g per kg

CURING:

Casts can usually be de-moulded within a couple of hours however full strength will be achieved in 24-48 hours

As a guide, if you are using **fillers** the ratio should be reduced to **2:1**, with the **filler** being added at **0.5** however this will depend on the density of the filler you are using.

Total Mix (g)	Powder	Liquid	Filler
100	57	29	14
200	114	57	29
300	171	86	43
400	228	114	57
500	285	142	72

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