

WINTERSTONE: BASIC DATA

The following is a summary of some basic data that is useful in making certain determinations/calculations on the use of WINTERSTONE:

	Unit wt. Loose (lb/cu. ft)	Water mix ratio (per 100 parts Winterstone powder)		Yield Finished product Cu.in/lb.	Approx. Finished Unit wt. (lb/cu. Ft)
		By wt.	By vol.		
SCULPTING MIX	63 +/-			19 +/-	105 +/-
-Hand-packed/finger grade		22-23	22-23		
-Trowel grade		24-25	24-25		
CASTING MIX	74 +/-			17 +/-	115 +/-
-Pour/Slush		19	22		
ICING MIX	54 +/-			21 +/-	100 +/-
-Hand-pack/finger grade		26-27	22-23		
-Trowel grade		28-29	24-25		
-Brushable		30-31	26-27		

Miscellaneous notes:

- -Above figures are approximate and dependent in most cases on sculptor's assessment, working methods, & working environment.
- -For **Sculpting & Casting** initial mixing should be about **1-1 ½** minutes, then "rest" for a minute or so, then remix for about **-1 min** before use;
- For **Icing** this procedure should be done at least **3 times** before use.
- -To maintain or regain the desired working consistency, the occasional re-mix/re-mold in the pot may be required — and is actually beneficial — But **without using additional water**
- **-For ICING/METALLIC** mixtures: 1 part metallic to 2 parts Icing **volumetrically** is recommended to achieve a strong metallic effect
- Lesser amounts may be used depending on the effect desired. For such mixtures, the mixing water will have to be increased by approximately **4 parts** volumetrically to those shown above for plain ICING (and will depend on the type and amount of metallic powder used
- -Approximate "Loose" unit weights of Metallics:
IRON- 160 p.c.f. / **BRASS**-250 p.c.f./ **BRONZE**-310 p.c.