

539 Tile/Sculpture Stoneware

Dry Δ04 Δ1 Δ3 Δ6 Δ10 Δ10R



Shrinkage	
Dry	3.81%
Δ 04	5.25%
Δ 1	8.54%
Δ 3	8.82%
Δ 6	11.61%
Δ 10	11.49%
Δ 10R	10.37%

Absorption	
Δ 04	14.56%
Δ 1	9.76%
Δ 3	8.21%
Δ 6	5.97%
Δ 10	3.49%
Δ 10R	4.07%

Recipe		Dry Batch Weight		
Part #	Material	100	150	275
FC03	Hawthorn 40M	13.50	20.00	36.75
K001	EPK	11.75	17.75	32.25
K007	Tile 6	16.75	25.25	46.00
BC04	Tennessee 10	16.75	25.25	46.00
FC01	Foundry Hill Cream	8.50	12.50	23.00
FE04	Minspar 200	10.00	15.00	27.50
I020	Flint	6.75	10.25	18.50
FI05	Fine Grog	8.50	12.50	23.00
FI06	Medium Grog	8.50	12.50	23.00
	Water	21-25	32-38	58-69

Notes: Coarse stoneware sculpture body designed for tile courses at Alfred University

570 Throwing Stoneware

Dry Δ04 Δ1 Δ3 Δ6 Δ10 Δ10R



Shrinkage	
Dry	4.71%
Δ 04	5.28%
Δ 1	11.64%
Δ 3	10.60%
Δ 6	11.50%
Δ 10	13.56%
Δ 10R	12.93%

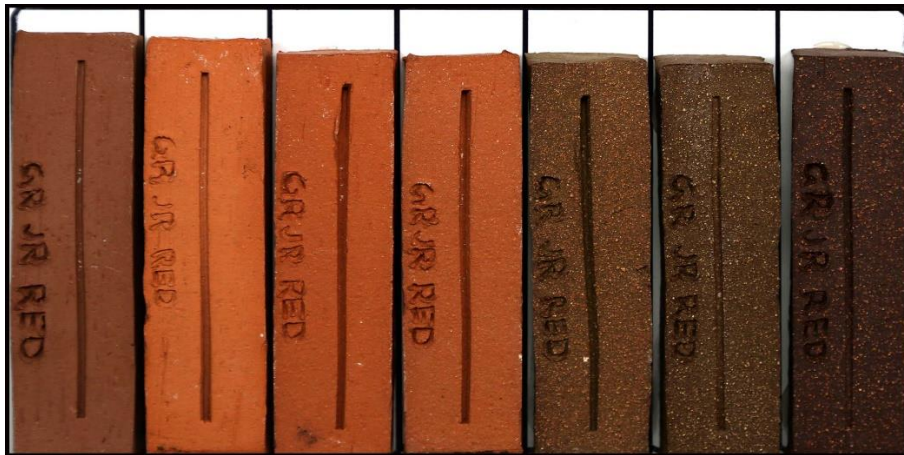
Absorption	
Δ 04	14.72%
Δ 1	6.92%
Δ 3	5.59%
Δ 6	2.00%
Δ 10	0.19%
Δ 10R	0.18%

Recipe		Dry Batch Weight		
Part #	Material	100	150	275
FC03	Hawthorn 40M	25.00	37.50	68.50
K001	EPK	16.75	25.00	45.75
BC02	OM-4 Ball Clay	12.50	18.75	34.25
FC02	Goldart	25.00	37.50	68.50
FE02	Custer Feldspar	8.50	12.50	23.00
FI05	Fine Grog	13.00	19.50	35.75
	Water	21-25	32-38	58-69

Notes: Smooth stoneware throwing body designed for pottery courses at Alfred University

Jr. Tile Red

Dry Δ04 Δ1 Δ3 Δ6 Δ10 Δ10R



Shrinkage	
Dry	5.34%
Δ 04	7.68%
Δ 1	9.07%
Δ 3	11.69%
Δ 6	11.35%
Δ 10	11.00%
Δ 10R	9.57%

Absorption	
Δ 04	10.42%
Δ 1	6.18%
Δ 3	6.08%
Δ 6	0.62%
Δ 10	0.23%
Δ 10R	0.34%

Recipe		Dry Batch Weight		
Part #	Material	100	150	275
RC04	Redart	13.00	19.50	35.50
RC03	Newman Red Sub	26.75	40.25	73.50
FC02	Goldart	10.50	15.75	28.75
FC04	Hawthorn 50M	10.50	15.75	28.75
BC02	OM-4 Ball Clay	10.50	15.75	28.75
I054	Talc	12.50	18.75	34.50
FI05	Fine Grog	10.00	15.00	27.50
FI06	Medium Grog	6.75	10.25	18.50
I003	Barium Carb	1	1.5	2.75
	Water	21-25	32-38	58-69

Notes: Coarse terracotta sculpture body with a broad firing range designed for tile courses at Alfred University

747 Porcelain

Dry Δ04 Δ1 Δ3 Δ6 Δ10 Δ10R



Shrinkage	
Dry	2.58%
Δ 04	4.54%
Δ 1	7.59%
Δ 3	7.84%
Δ 6	10.11%
Δ 10	10.01%
Δ 10R	11.43%

Absorption	
Δ 04	15.24%
Δ 1	8.67%
Δ 3	8.19%
Δ 6	0.24%
Δ 10	0.25%
Δ 10R	0.07%

Recipe		Dry Batch Weight		
Part #	Material	100	150	275
K002	Grolleg	57.50	86.00	157.75
FE02	Custer Feldspar	18.75	28.25	51.50
I020	Flint	15.75	23.50	43.00
I045	Pyrax	5.25	8.00	14.50
FI03	Molochite 200M	3.25	4.75	8.75
OC04	Bentonite	3.03	4.54	8.33
	Water	21-25	32-38	58-69

Notes: Smooth porcelain body designed for junior pottery courses at Alfred University