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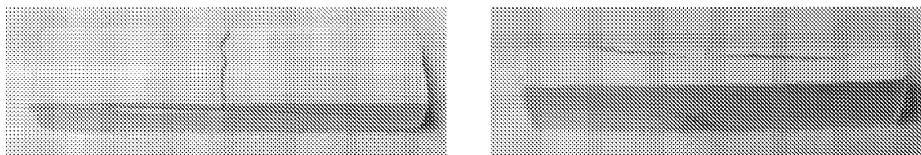
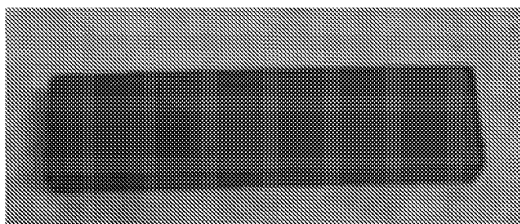
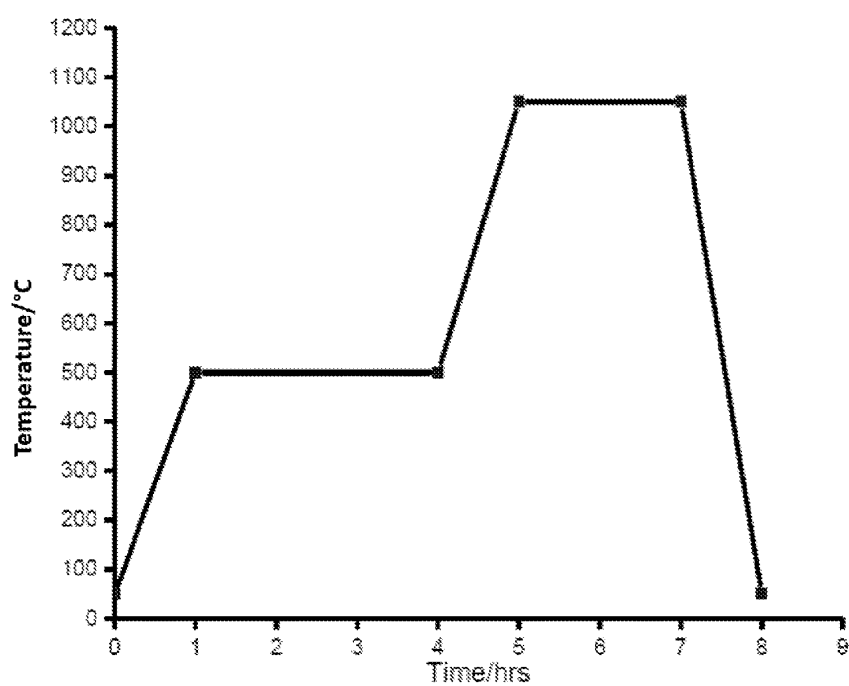
FIG. 1**FIG. 2****FIG. 3**

FIG. 4

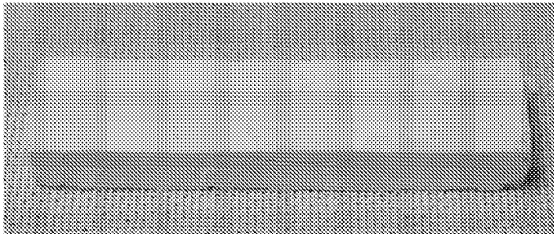
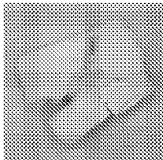
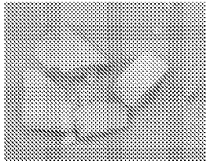


FIG. 5

Sample	Kaolinite (wt %)	MgSO ₄ binder concentration (wt %)	Flexural Stress at Break (MPa)
1	3	3.6	0.7
2	5	3.6	0.84
3	10	3.6	0.98
4	2	4.8	broke
5	2	9.1	1.1
6	2	13	1.08

FIG. 6

Formulation	Flexural strength before heat treatment (MPa)	Flexural strength after heat treatment (MPa)	Dimension change after heat treatment	Sample after sonication in water 1 hour + external pressure
Traditional	2.13	1.43	Dimensions shrink by about 10%	
Present Disclosure	3.99	2.55	Dimensions shrink by about 5%	

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FIG. 7

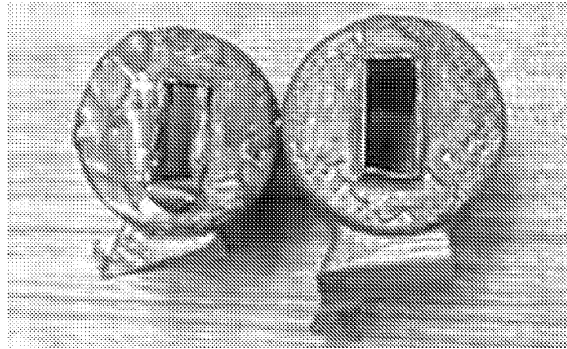


FIG. 8

