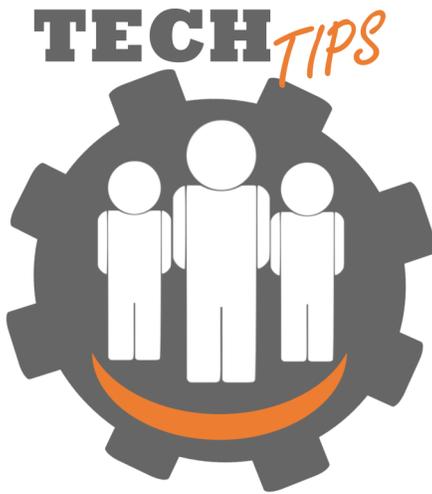


BINDER FREEZE KIT INSTRUCTIONS



1. Remix the binder to ensure that it is homogeneous.
2. Remove approximately 500 ml of the binder*.
3. Ensure the binder is at room temperature: 60-70 °F (15.6-21 °C).
4. Carefully pour the binder into the sample container; up to the top of the cylinder.
5. Take the hydrometer and slowly immerse the bulb end into the liquid. Keep the hydrometer in the center of the flask and do not let it rest on the side walls.
6. The hydrometer will reach a buoyancy point where it floats on its own; do not force the hydrometer under the liquid.
7. Read the value where the surface of the liquid touches the hydrometer.
8. Record this value below.
9. Compare this value to the ranges below.
 - a. Values in range mean the binder is OK to use.
 - b. Values below range indicate the material may have frozen. Contact the R&R quality department for further assistance.
10. Rinse and clean the test flask and hydrometer immediately so the material does not dry onto it.
11. Return hydrometer and flask to original box and use the enclosed return shipping label to send back to R&R**.



Product	Your Test Results	Lower Acceptable Limit	Upper Acceptable Limit
Primary Binders			
Levasil® colloidal silica		1.200	1.230
Keycote® binder		1.197	1.214
Primcote® binder		1.177	1.183
Primcote® PLUS binder		1.173	1.179
Backup Binders			
Customcote® binder		1.145	1.155
EHT binder*		1.322	1.328
Fascote® binder		1.146	1.152
Matrixsol® 30 colloidal silica		1.200	1.230
Core Materials			
Core-Hardener 2000™ binder*		1.390	1.410
Kwik-Core™ binder		1.108	1.112
Jewelry Materials			
Plasticast® PT binder		1.385	1.407

To learn more or to order your freeze kit, please contact the R&R technical department at 800.800.7496 or via email at technical@ransom-randolph.com.

*EHT binder and Core-Hardener 2000 binder require 700 ml for step 2.

**Failure to return freeze kit to R&R will result in your company being invoiced.



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