

The tes-timonial

Directed Heat Drying™

August 2008




TES-timonial: Ed Summers, H2O Drying Solutions, Tampa, FL



"I have been drying structures in the conventional manner (dehumidifiers and air movers) over the past 5 years, when I was introduced to the TES System I was skeptical. After visiting Jeremy Reets and seeing TES on the job I was convinced that it works. Since purchasing the TES unit and several E-TES units I was able to pursue jobs that I would not have been able to dry using the conventional method. Using TES and E-TES units I was able to dry the concrete slabs of 7 condo units that had been wet for over 15 years back to ATSM standards. After 3 other drying companies failed to get it dry, H2O Drying Solutions using TES and E-Tes got the job done!"

What's New with TES?

Products & Accessories

Extech i5 Compact IR Camera	Extech Temp & Humidity Data Logger	Extech Hygro & InfraRed Thermometer
 <ul style="list-style-type: none"> ● Pocket sized and fully automatic ● 80 x 80 pixels for clear images ● High accuracy of 2% helps you find problems faster and easier ● Large 2.8" color LCD ● +4 hour operation on a single charge ● Double molded rugged design meets IP43 dust/splashproof standards ● MiniSD™ card stores up to 5000 Radiometric JPEG format images. ● Complete with built-in USB Mini-B Cable, 512MB miniSD™ Card, Li-Ion rechargeable battery, AC charger, and QuickReport™ software <p>\$2995.00</p>	 <ul style="list-style-type: none"> ● 32,000 readings (16,000 for each parameter: Humidity/Temperature) ● Dew point indication via Windows® compatible software (included) ● Selectable data sampling rate: 2s, 5s, 10s, 30s, 1m, 5m, 10m, 30m, 1hr, 2hr, 3hr, 6hr, 12hr, 24hr ● User-programmable alarm thresholds for RH and Temperature ● Status Indication via Red/Yellow & Green LEDs ● Long battery life ● Dimensions: 5.1 x 1.1 x 0.9" / Weight: 1oz ● 3.6V Lithium battery <p>\$84.55</p>	 <ul style="list-style-type: none"> ● Combination Humidity meter plus InfraRed Thermometer features a super large backlit dual display ● Primary and Secondary displays - Primary display is user selectable for IR or Humidity; Secondary always displays ambient temperature ● InfraRed thermometer has built-in laser pointer and an 8:1 distance to target ratio ● Auto power off ● Data Hold and MAX <p>\$174.35</p>

Technical Tip: Drying Wood Floors with TES & E-TES

Introduction:

One of the best ways to dry wood floors is to implement the "Reet's Evaporation Method" utilizing TES or E-TES. The best accessory for floor drying with tes or e-tes is the mats systems for floor drying such as [Injectdry's Floor Drying Package](#) or [Dri-eaz's Dri-Force](#) and [Rescue Mat System](#).

In this bulletin, I'll provide you the steps and how to apply them for wood floor drying.

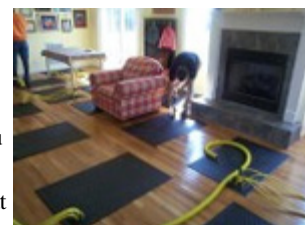
Procedure:

STEP 1 - EXTRACTION:

This is the key for any drying and especially for wood floor drying. Extract the pooled water on top of the wood with your portable or truck-mounted equipment. Use a [squeegee type wand](#). A carpet wand may scratch the floors finish. You can also use a mop or towels. The more you remove this way the faster it will dry.

Many times there is still a substantial amount of "free" water that can be extracted to speed up the drying. To remove that water, you need to use a floor drying panel system. Place the panels on the floor and attach the hoses in the position the system will be running; however, before you attach your blower unit, attach it to your extraction unit. Let this run for up to 30 minutes or as long as you can. Pull up each panel and, using a towel, wipe up excess water that will have been drawn out of the floor system. Depending on the amount of water, you may wish to repeat that step.

Now, reposition your panels and [tape](#) them as needed. Attach your blower and start the system.



STEP 2 - TEMPERATURE:

Direct containment is the best way to apply the energy (heat) to the floor. Spread poly sheeting (4-6 mil) over the affected floor and cut slightly larger than the area. Place the [10 lb. sandbags](#) around the perimeter every 3-4 feet or as needed to hold the poly sheeting down. You may even utilize any furniture in the room along the edges to hold the sheeting. Attach the hoses to the snout of a TEX (Thermal EXchanger) or e-tes. Start the tes unit or e-tes and turn on the airmover.

If you have a crawlspace to place a tex box or e-tes or can direct more heated airflow below the floor, it will aid in the drying process. It is important that the blower for the floor drying panel system be placed outside the direct containment (i.e. NOT under the poly sheeting). These blower units can be sensitive to high temperatures, but function fine in the ambient 90 - 100°F temperatures that are normally encountered.

STEP 3 - EVAPORATION:

We are getting air movement with two pieces of equipment - the airmover/tex box and also the floor drying panel system. We are heating the water to cause the evaporation, but the floor drying panel system is removing the vapor from the floor by providing airflow through the interspatial cavities in the floor. Do not skip the use of the mat system.

The sandbags - rather than stapling/taping/sealing - allow the air to escape, bringing with it water vapor and heat the walls, baseboards, and sill plates that may also be affected.

STEP 4 - DEHUMIDIFICATION:

Now that we have evaporated the moisture into the air, we need to remove it from the structure along with the excess heat. This is accomplished with the [exhaust controller](#), an airmover, [14" layflat](#) and a [14" duct ring](#). Set up the exhaust system to evacuate to the outside of the structure.

Set the exhaust control unit for the proper temperatures (see the instructions included with the unit)-usually 95°F with a 5° differential. Since there is less water in the wood than would be in a carpet/pad combination, the exhaust doesn't need to cycle as often. (An alternative to the exhaust controller for dehumidification would be to utilize a [dehumidifier](#).)

Conclusion:

Monitor your progress at least daily - More often if practical. Many floors have been dried in 30 hours or less!



Upcoming Seminars & Events

Date	Event	Host	Location	Registration Info	Contact
August 06	tes Seminar 8:00 am to 12:00 pm	Advantage Marketing an interlinksupply Distributor	Indianapolis, IN	800-242-4952	Kristen Bonwell
August 08	tes Seminar 8:00 am to 12:00 pm	Quality Wholesale & Supply an interlinksupply Distributor	Boutte, LA	866-241-2424	Garrett Monti
August 08	tes Seminar 8:00 am to 12:00 pm	Barker-Hammer an interlinksupply Distributor	Edina, MN	800-726-4686	Jeff Gray
August 12	tes Seminar 8:00 am to 12:00 pm	Century Supply an interlinksupply Distributor	Houston, TX	800-800-0969	Greg Hanslip
August 20	tes Seminar 8:00 am to 12:00 pm	interlinksupply of North Phoenix	Phoenix, AZ	877-303-0043	Dean or Rich
August 22	tes Seminar 8:00 am to 12:00 pm	Cleaning and Restoration Supply an interlinksupply Distributor	Albuquerque, NM	505-837-1001	Garry Figueroa
August 26 to 29	Class: World's Fastest Drying System	Reets Drying Academy	Anniston, AL	770-652-6955	Jeremy Reets

<http://www.tesdryingsystem.com/events.html>

tes hotline