



## Gann CH17 Quick Reference Guide

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## Concrete – Non-Invasive [Equivalent]

**Step 1:** Connect B55 BL to the BL UNI 11. Once connected, turn on the BL UNI 11.

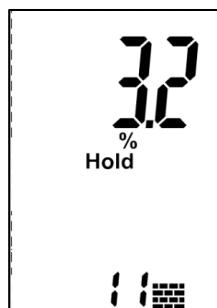


**Step 2:** Scroll through the menus using either the  $\uparrow$  or  $\downarrow$  buttons until you reach the material menu (See below).



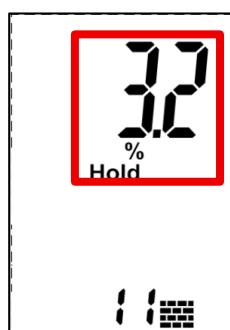
1. Once on the material menu press the "M" button to change the material (material #/type should start flashing).
2. Scroll through the materials using  $\uparrow$  or  $\downarrow$  until you are on the desired type. (for Concrete – Material ID# 73)
3. Press "M" to confirm your material selection

**Step 3:** Navigate to the measuring menu.



- You can navigate to the measuring menu by using the  $\uparrow$  and  $\downarrow$  buttons, or by holding the "M" button for approx. 3 seconds.
- You will know you are on the measuring menu when you see "Hold" (As shown on the image  $\leftarrow$ )

**Step 4:** Take the reading by holding the B55 BL (Ball Electrode) against the material at a 90° and holding the "M" button. On release of the "M" Button, the reading will be saved.



- The CM% moisture reading will be where shown.
- A reading of <2-3CM% for concrete is considered dry.

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## Brick/Block & Other Substrates – Non-Invasive [Relative]

**Step 1:** Connect B55 BL to the BL UNI 11. Once connected, turn on the BL UNI 11.



**Step 2:** Scroll through the menus using either the ↑ or ↓ buttons until you reach the material menu (See below).



1. Once on the material menu press the "M" button to change the material (material #/type should start flashing).
2. Change the Material ID to 0. This will provide a reading in digits and will require a reading from both a non-affected and the affected area.
3. Press "M" to confirm your material selection

**Step 3:** Navigate to the measuring menu.



- You can navigate to the measuring menu by using the ↑ and ↓ buttons, or by holding the "M" button for approx. 3 seconds.
- You will know you are on the measuring menu when you see "Hold" (As shown on the image ←)

**Step 4:** First gather a reading from a non-affected area, then the affected. Take the reading by holding the B55 BL (Ball Electrode) against the material at a 90° and holding the "M" button. On release of the "M" Button, the reading will be saved.



Compare the two readings. As the reading is relative, you can only gauge the increase of moisture to the affected area by the variance between the two numbers.

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## Screeed – Non-Invasive [Equivalent]

**Step 1:** Connect B55 BL to the BL UNI 11. Once connected, turn on the BL UNI 11.



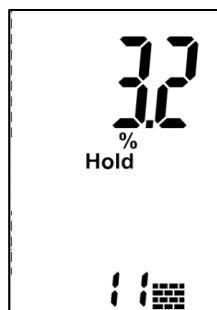
**Step 2:** Scroll through the menus using either the  $\uparrow$  or  $\downarrow$  buttons until you reach the material menu (See below).



1. Once on the material menu press the "M" button to change the material (material #/type should start flashing).
2. Scroll through the materials using  $\uparrow$  or  $\downarrow$  until you are on the desired type.

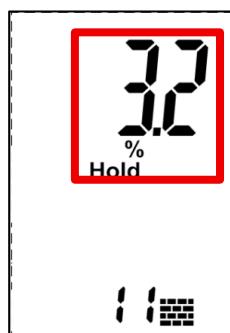
18	Cement screed in CM%
50	Anhydrite screed in CM%
3. Press "M" to confirm your material selection

**Step 3:** Navigate to the measuring menu.



- You can navigate to the measuring menu by using the  $\uparrow$  and  $\downarrow$  buttons, or by holding the "M" button for approx. 3 seconds.
- You will know you are on the measuring menu when you see "Hold" (As shown on the image  $\leftarrow$ )

**Step 4:** Take the reading by holding the B55 BL (Ball Electrode) against the material at a 90° and holding the "M" button. On release of the "M" Button, the reading will be saved.



- The CM% moisture reading will be where shown.
- A reading of <2-3CM% for screed is considered dry.

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## Gyproc – Non-Invasive [Equivalent]

**Step 1:** Connect B55 BL to the BL UNI 11. Once connected, turn on the BL UNI 11.

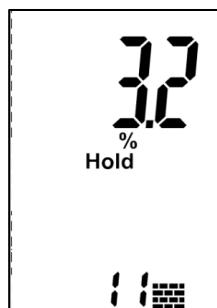


**Step 2:** Scroll through the menus using either the  $\uparrow$  or  $\downarrow$  buttons until you reach the material menu (See below).



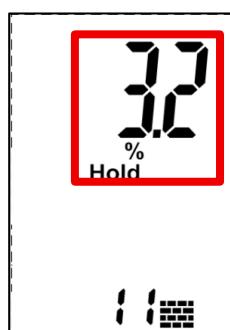
1. Once on the material menu press the "M" button to change the material (material #/type should start flashing).
2. Scroll through the materials using  $\uparrow$  or  $\downarrow$  until you are on the desired type. (for Gypsum Plaster – Material ID# 17 (wt.%) and #54 (CM%). For plaster, a reading in wt.% is commonly used.
3. Press "M" to confirm your material selection

**Step 3:** Navigate to the measuring menu.



- You can navigate to the measuring menu by using the  $\uparrow$  and  $\downarrow$  buttons, or by holding the "M" button for approx. 3 seconds.
- You will know you are on the measuring menu when you see "Hold" (As shown on the image  $\leftarrow$ )

**Step 4:** Take the reading by holding the B55 BL (Ball Electrode) against the material at a 90° and holding the "M" button. On release of the "M" Button, the reading will be saved.



- The CM% moisture reading will be where shown.
- A reading of <0.5 wt.% for plaster is considered dry.

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## Concrete –Invasive [Equivalent]

**Step 1:** Get the Gann BUNI 11 and, dependent on the required depth into concrete for reading, connect one of the following:

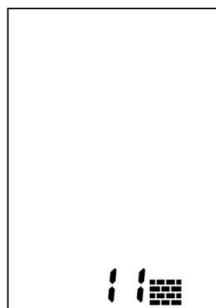


**Step 2:** Drill a hole into the concrete suitable for the chosen method of reading:

1. Hygrometer 6mm 40% depth of the slab leave for 24 hours with tape over hole
2. Then piece tape and place in hygrometer for up to 20 minutes
3. Set UNI 11 to setting 13 it will give you a %

**Step 3:** Note this will need to be completed every 10 square meters

**Step 4:** Scroll through the menus using either the ↑ or ↓ buttons until you reach the material menu (See below).



1. Once on the material menu press the "M" button to change the material (material #/type should start flashing).
2. Scroll through the materials using ↑ or ↓ until you are on the desired type. (for Concrete - Material ID# 13 (wt.%))  
[Material Table – Gann BL UNI11 TF Stick Settings](#)
3. Press "M" to confirm your material selection

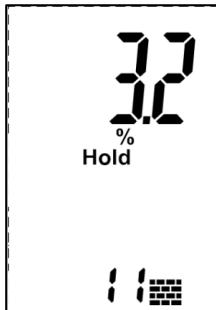
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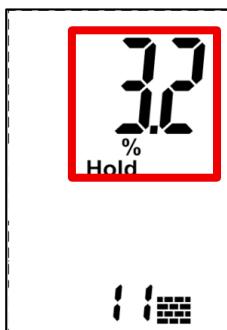


**Step 5:** Navigate to the measuring menu.



- You can navigate to the measuring menu by using the ↑ and ↓ buttons, or by holding the "M" button for approx. 3 seconds.
- You will know you are on the measuring menu when you see "Hold" (As shown on the image ←)

**Step 6:** With the electrodes in the substrate, hold the "M" button. On release of the "M" Button, the reading will be saved.



- The wt.% moisture reading will be where shown.
- A reading of <3.5-4.5wt.% for concrete is considered dry.

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