

LEAD PAINT CHECK

RANGE 0 TO 5000 PPM OR 0% TO 0.5% TEST STRIPS

480310
10 TESTS

Several lead compounds have been used in the past as pigments and drying agents in paints and varnishes. Common lead compounds include lead carbonate and lead oxide. Lead can cause serious health effects.

Inexpensive
Reliable
Accurate results
Pocket sized
On site testing

No mechanical reader is required.
Reproducible results
Portable
Easy to use.
Will not stain surfaces

Available as 10 tests (480310)

LEAD PAINT RANGE	480310
STEPS	4
PPM/mg/L (%)	0 TO 5000 (0 TO 0.5%)
INCREMENTS	0;>600;>5000 PPM (0.0;0.06;0.5%)
TEST TIME	6 minutes

For lead to be detected in the paint the lead must first be dissolved. This extraction process uses reagent A (vinegar). Dithizone is used in the strip to detect free lead. A colour change from green to pink occurs as dithizone oxidises. Dithizone oxidises faster in the presence of lead, where lead acts as a catalyst for the oxidation process. (Note: Dithizone will typically oxidise in the presence of air after about 20 minutes). This test does not detect lead as lead chromate because the lead chromate cannot be extracted by vinegar alone.



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