



# The #1 Paint Stripping method is now available in the US



Speedheater System's solution for paint, varnish and putty removal is the most widely used system in Scandinavia. They have been around since 1991 and their products have been used to restore numerous homes and historical buildings. Their products are recommended and used by the Historical Preservation Boards in Sweden, Norway and Denmark.

## Do I need to remove paint on my house?

If the surface is poor and/or paint is falling of then yes, you do need to remove the paint. The top layer of paint is usually held responsible for peeling, when in reality it is the first layer that no longer has sufficient adhesion. Paint ages, and over time a thick layer of coats builds up on the surface, which reduces adhesion. Moreover, modern paint systems do not harmonize with older paint systems. The Speedheater System tools are simple for anyone to use with professional results.

## What makes their solution different from other paint removal methods?

Speedheater System uses Infra Red technology to soften all layers of paint in

one heating. The process takes 20 - 40 seconds on indoor objects and 30 - 90 seconds outdoors, regardless of the amount of layers. When renovating windows, both paint and putty are softened at the same time without breaking the glass. Their tools are used when removing paint on detailed carved wood and large exteriors on buildings.



A greener and safer way of removing old toxic paint.

The innovative **Speedheater System** tackles and solves the lead problem differently using the superior advantages of **Infrared Technology**. Primarily it is the Infrared (IR) rays themselves that do the work, with heat being of secondary importance which is why the operating temperature can be kept extremely low. In normal use the paint surface is only exposed to an operating temperature of approx. 200-400°F (100-200 °C) and even less on the wooden surface beneath. In effect, what happens is that the oil within the paint responds to the IR rays, which soften and loosen the paint from the surface quickly and efficiently, making it easy to scrape off, right down to the bare wood.

Lead and other toxic substances stay within the paint remains, which means **less risk of exposure to lead dust and fumes**. Spreading a tarp beneath the work area makes it easier to collect the dry paint residue. This provides a practically **closed system**, with higher safety and lower environmental impact, which makes it easy



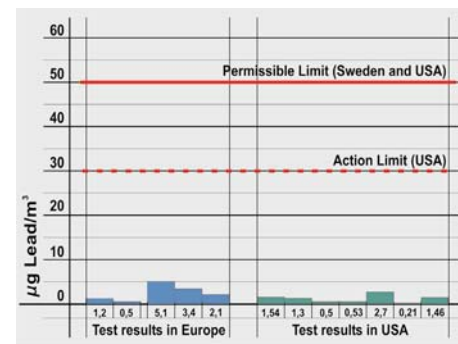
for the remains to dispose of as hazardous waste. Federal regulations in the US define lead-based paint as any paint containing more than 1.0 milligram of lead per square centimetre (mg/cm<sup>2</sup>). The lead tests showed that there were significant quantities of lead on the test objects before removal, in the range of 1.0-10.0mg/cm<sup>2</sup>. After paint removal using the Speedheater System, the bare wood samples revealed levels of 0.0-0.2 per cent, by weight, or **negligible levels of lead remaining**.

The lead tests confirmed that the Speedheater System effectively removed the lead paint well below the 0.5% by weight level determined by the US Occupational Safety and Health Administration (OSHA) Standard 29 CRF

1926.62 as requiring action.

The lead tests confirmed that using the Speedheater System for removing lead-based paint does not generate dangerous levels of lead dust or fumes. The tests proved **extremely low levels of lead exposure**, between 1-10% of the Permissible levels, even when the tests were conducted under the worst possible conditions.

Even with a low exposure risk we still recommend users to reduce the risk even further by taking all the necessary safety precautions, such as providing for good **ventilation** and using safe ways to **clean up** paint residue, as well as complying with local laws and regulations.



Independent Accredited Test Institutes used:  
 Test in Europe: IVF Industrial Research and Development Corporation.  
 Test in the US: Enviro-Tech Services, Environmental Health and Safety Consultancy. US tests has been reviewed by a Certified Industrial Hygienist.