

§ 210. Puscher has produced a variety of colours on iron and steel by means of a mixture of lead acetate and sodium thiosulphate. The following proportions were tried, with the results enumerated below, the colours altering with the time of immersion :—

Lead acetate	50 grains.
Sodium thiosulphate	50 „
Water	5 fluid ounces.

The solution must be used hot.

1. Light brown colour.
2. Darker „
3. Purple and blue mixed.
4. „ „ but paler tone.
5. Beautiful uniform light blue colour.
6. Steel-gray.
7. Black colour, after half an hour's immersion.

In order to produce a uniform colour all over, the article must be completely immersed, so as to be equally heated.