

The Cement called *Potsilana* for composing Houses &c
is made as follows.

Burnt earths, or soils, in which all the animal and vegetable substances are destroyed, when mixed with [grey] lime become a very good and cheap cement.

Brick dust, is earth with the animal and vegetable substances, abstracted therefrom: as coal is found in U. S. L. I should think that, probably it may as is generally the case in England, be mixed up in the same mine, with Iron Stone, and grey lime stone. Took a ride with E. Wilkinson to the town to see some walls & houses composed with *Potsilana* cement, when he told me to write to you the way of making his cement, and showed me a number of walls composed with it there. When he was at East Bourne, in Sussex he lodged with C. Ade near the sea side: they complained that the walls of the house were always damp in winter time on that side near the sea, and C. Ade's Bricklayer told Wilkinson that he had tried to prevent the sea damp coming in that and that nothing would prevent: Wilkinson had some dust from a neighbouring Brick field carted in, and manufactured the cement as described above, since which time they have not found the damp ^{damp} wet come in at all.

I expect that Bed & Green work Turners will sell with you as they do with us, being a low price. I have sent a few, but nothing longer than 14 inches, they are made 16, 18 + 20 and 22 inches long and are also made square as well as round: if these should sell well, another time, I may send more of them: inform me if square top'd may be sent with round (at the same price) and if any larger size than these.

The two large Trunks, are made of Elm (bottoms & Ends)
 and are well nailed & iron cornered. I should like to see
 if it will pay to pack in them in future: I saw some
 for W. Blacklock's friend H. Hopkins, apparently filled
 with, well packed coats &c. but they are a superior make
 to these, and will be shipped in the boxes. I mean
 a junior on this subject: in sending out Haberdashery
 &c. two might be packed ^{filled} up ^{up} in a packing case.

Sheep. Sewing. & Haberdashery
 to be packed