

DX 19/270

The Cement called Pottilana 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 Hillbourn to see some walls & houses composed with Pottilana cement, when he told me to write to you the way of making this 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 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 <sup>damp</sup> wet come in at all.

I expect that Red & Green wood Tunks 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 & ~~are~~ covered. I should like to see  
if it will pay to pack in them in future. ~~There~~ some  
for W. Deacock's friend H. Hopkins, apparently filled  
with Wellington boots &c. but they are of inferior make  
to these, and will be shipped in the Lotus. give me an  
opinion of this subject: in pending out Haberdashery  
&c. two might be <sup>filled</sup> packed, <sup>up</sup> ~~and~~ <sup>up</sup> in a packing case.

Sheep. Ernest. Freeman  
to Amherst