



may be placed direct upon the existing concrete floor; this is rarely satisfactory, as the concrete is usually defective.

Waterproofed cement (see below) is also applied to walls and floors of damp existing basements in lieu of bituminous materials.

2. WATERPROOFED CEMENT RENDERINGS AND CONCRETE.—Waterproofers, as described on p. 27, are used for cement renderings and concrete (see p. 36) for damp proofing basements. The composition of the mixes varies according to the waterproofer, water pressure (if any) to be resisted, and the particular requirements of the building. In all cases the directions of the proprietors of

the waterproofer should be complied with, and only best materials and workmanship employed.

The construction may be somewhat similar to that shown at E, except that the floor consists of one layer only of waterproofed reinforced concrete covered with a rendering of waterproofed cement mixture; the rendering is continued vertically on the outer face of the wall to the upper horizontal damp proof course as shown.

The composition of the concrete recommended by one firm whose product is a well-known waterproofer in powder form is 1 part Portland cement, 2 parts