

SECTION 149 – SLAG

3125. Slag is a residual product from blast furnaces and steel furnaces. It varies considerably in quality, and it is sometimes chemically unstable owing to residual Sulphur and iron.

It should be used only if manufactured to comply with BS 1047:1942.

3126. Good quality slag has few air-holes, and should weigh not less than 78 lb per cu ft. It produces a hard, durable, angular aggregate of fine-grained crystalline texture, similar to good nature stone.



Figure 31-7: Slag

3127. Coarse slag aggregate is an excellent base material, and it is also suitable for concrete. $\frac{3}{4}$ -in graded bituminous slag is a good surfacing material.