



## (BS) EN 635-1: 1995 (confirmed 2014)

### Plywood - Classification by surface appearance - General

Part 1 establishes rules for the classification of plywood by its surface appearance. Five appearance classes are distinguished - E, I, II, III and IV. The classification is made according to the number and extent of certain natural characteristics of wood and the defects that may arise from the manufacturing process.

Natural classification and manufacturing defects used to classify plywood by its appearance	
Natural Characteristics Inherent in Wood	Manufacturing Defects
Knots: Pin Sound intergrown Unsound Holes Non-adhering & partially adhering knots	Open joints
Splits & checks	Overlaps
Abnormalities due to insect, marine borers & parasitic plants	Roughness, other than that due to irregularities in the structure of the wood
Resin pockets, Resin streaks & inbark	Blisters
Irregularities in the structure of the wood	Hollows, imprints & bumps
Discolouration which is not wood-destroying	Sanding through
Fungal decay which is wood-destroying	Glue penetration
Other characteristics	Foreign particles - metal, mineral Repairs - patches, shims, synthetic filler Defects at panel edges - sanding and sanding defects, missing wood Other defects



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