

Gloss Meter

Furniture and Utensils Production

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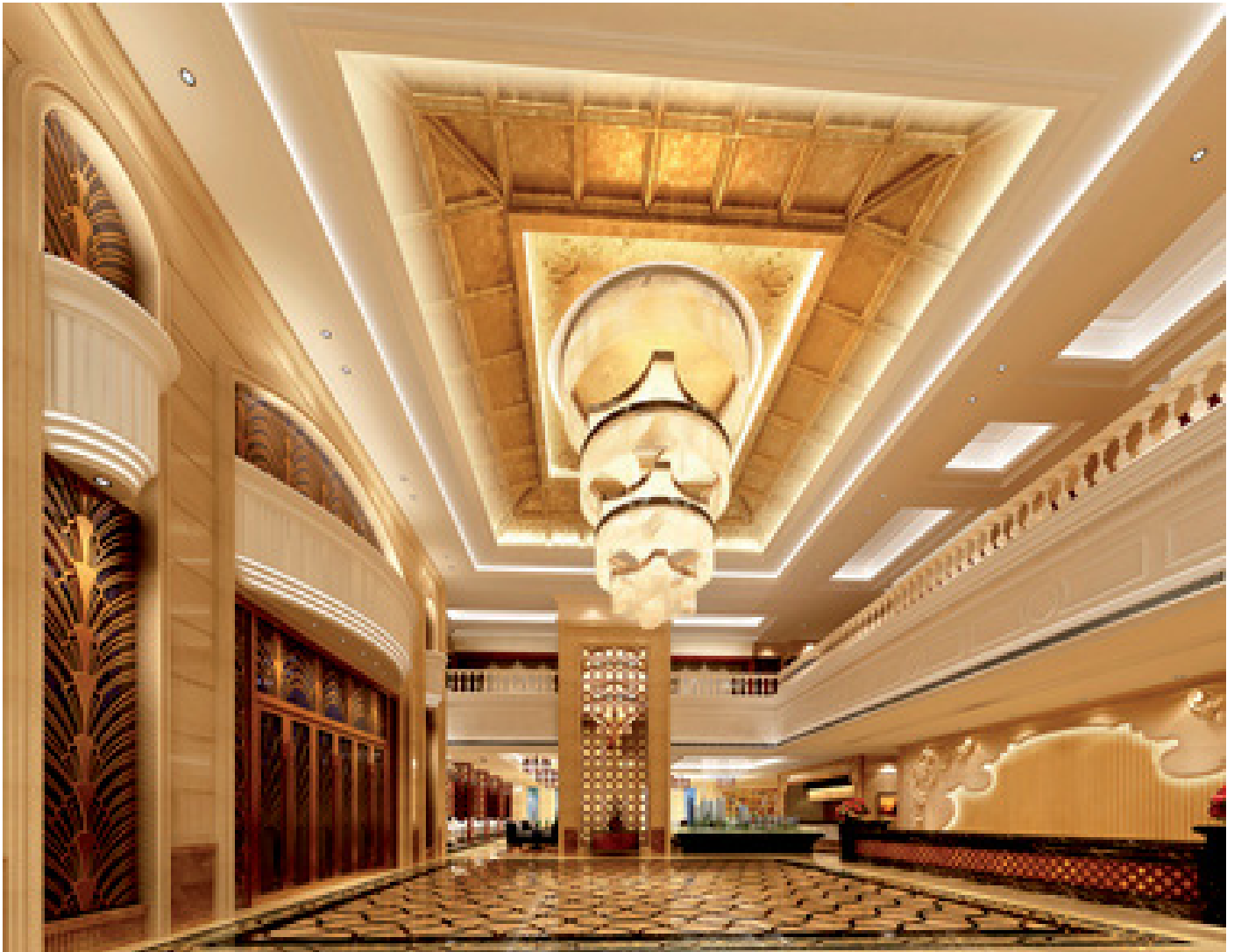
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Numerous furniture articles as well as household utensils are made of wood, plastic, steel and are used by a huge number of customers. An excessive or very low gloss level may indicate a production fault and not sufficient quality of the product. Very often the basic material is varnished or coated, or just painted. And with the help of a special device it is possible to check if the process of drying is going in a correct way and if the right amount of the coating has been applied. The drop in gloss is an alarming sign, that there is a fault in curing process, which means very bad quality of the lack coating.



The result reached by application of different paints and coatings can vary from very matt surfaces to very glossy. Traditional standard measurement is 60° for furniture, with variations from 20° to 85° (depending on the customers' wishes).

Gloss may have various levels which differ, for example, in how the light is reflected from the surface. Of course, there may be no standard for that and each producer and customer chooses the most appealing one. Quite popular name is eggshell which has got around 30-40% gloss, as well as flat paint which has less than 10% at the time when gloss reaches up to 90%. Glossy as well as flat paint surfaces have got certain strong and weak points. And the producers should also take that into consideration when it goes about satisfying the customers' needs.



Glossy surfaces are usually easier to clean, but they may lose gloss and get scratches quicker. Flat surfaces can be given a bit of gloss with the help of a small amount of grease. If some reparation is needed it is easier to do with the flat surfaces as there is no need to do the complete repainting.

A small deviation in the gloss level may cause a huge raise or on the contrary drop in the customer's demand. It may be an indication of the bad quality of the coating or insufficient quality of the plastic material. For utensils used for example, in the kitchen and in the process of food preparation it is an important point to consider, as they should also be resistant to changes of temperatures, different substances and be harmless to health of people. Food utensils and Non-food products can be checked with the help of the Curve gloss meter. And interesting fact about this device is that it can be used for examination of the hidden and very small parts, which makes it possible to apply it on any curved lines.