

DUROPAL

Product Bulletin

Almost 50% of Quadra bench top sales in Australia are in high gloss. This in itself speaks for the success & the quality of the product.

High gloss products come in many forms, from semi-gloss to super high gloss, from lacquered board to Acrylic foils to polished stone or composites to HPL etc.

The nature of high gloss HPL is that

Due to the HPL production process the product has an inherited telegraphing effect. HPL is produced out of different layers of paper. Paper is a fibrous product. The fibers of the paper show slightly on smooth surfaces like high gloss.

For kitchen bench tops you want to have the full benefits of Duropal HPL heat resistance. To achieve this you need a high heat resistant glue line; a glue line to allow e.g. the heat from a hot pot to travel through the laminate, through the glue line & through the board w/o causing damage to the surface. Such a glue line pulls the laminate strongly onto the substrate what as a side effect however increases the telegraphing effect on smooth surfaces like high gloss.

For a kitchen bench top you also want a high degree of chemical resistance, resp. resistance to house hold cleaners, oils, spices etc. w/o causing stains inside the surface.

Result:

On one side you want to have all the physical properties which make a high quality HPL in the sum of all things superior to any other kitchen surface material.

On the other side from a technical point of view for high gloss HPL you can't avoid a degree of surface telegraphing. Despite this effect Duropal high gloss Quadra bench tops remain highly popular in Australia.

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