

APPLICATION CHARACTERISTICS - MATERIALS

4.1 Chemical Properties

DUROPAL® HPL surfaces are resistant to most common chemicals and substances. Organic solvents such as acetone and alcohol leave no residue on the surface. DUROPAL® HPL surfaces are resistant to all common disinfectants.

4.2 Physiological Properties

DUROPAL® HPL is non-toxic and physiologically safe.

Can be used with complete safety in rooms in which food is stored, prepared and consumed – migration behaviour in accordance with disposal sites which are subject to the relevant country AS 2070.

4.3 Protection against emission of formaldehyde from substrates

With the bonding of DUROPAL® HPL and substrate, HPL even of the thinnest variety, gives effective protection against possible emission of formaldehyde from the core material.

4.4 Quality Control

It is guaranteed that DUROPAL® HPL complies with the following standards.

Properties: ISO 4586, Part 1 AS 2924, Part 1

Reaction to fire: AS 1530, Part 3

CSIRO Report – Performance of Structures and Materials in Fire

| Ignitability Index | Spread of Flame Index | Heat Evolved Index | Smoke Developed Index |
|--------------------|-----------------------|--------------------|-----------------------|
| 14 | 0 | 0 | 3 |

5. Colours and Surfaces

5.1 Face

The comprehensive selection of colours and surface textures of DUROPAL® laminates enable you to use them for the most varied types of application. We will be pleased to advise on the most suitable material for your need. Details can be found in our current ranges of sheet materials and elements

5.2 Reverse

Sanded along length. To allow for further processing and be glued to a suitable substrate.

6. Storage

Optimum storage is achieved in enclosed warehousing under normal indoor conditions (temperature 18-25°C, relative humidity 50-65%). Sheets must be stored so that the whole surface is supported, edge-to-edge, horizontal and on a flat surface, and covered with plastic sheeting. The top sheet must be completely covered with a cover board.

7. Colour Match

DUROPAL® HPL is available in a multitude of decors in various surface textures in combination with melamine-faced particleboard (DUROBOARD®)

8. Waste Disposal

8.1 Incineration

The incineration of DUROPAL® HPL/HPL Solid is quite safe and can be carried out at an officially approved industrial incineration plant.

8.2 Disposal Sites

DUROPAL® HPL/HPL Solid can be disposed of at regulated disposal sites which are subject to the relevant country regulations.