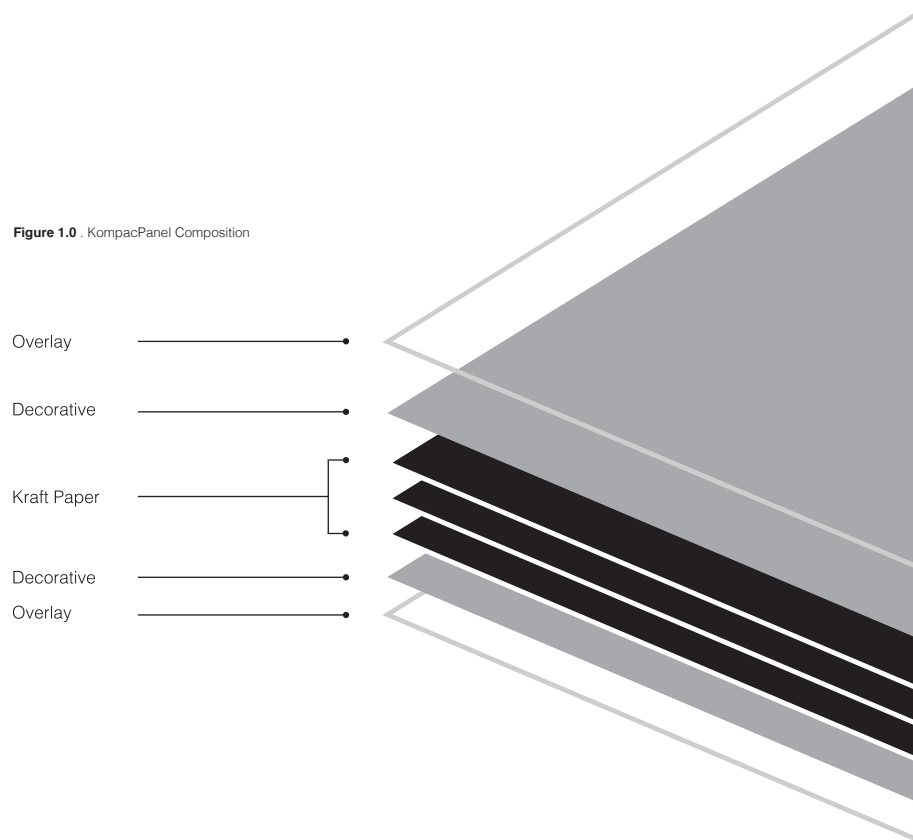


# Understanding KompacPanels

## Defining the KompacPlus surface:

Self-supporting material composed of layers of kraft paper impregnated with thermosetting resins alternated with 0.8 mm kraft layers, and of surface layers of decorative paper impregnated with aminoplastic resins, all pressed at 9MPa and 150°C.

Figure 1.0 . KompacPanel Composition



Property	Test Method (EN438:2005)	Attribute	Unit	Values
<b>Thickness</b>	EN 438-2.5	Thickness	mm	$6 \leq s < 8 \pm 0,50$
<b>Flatness</b>	EN 438-2.9	Maximum Deviation	mm/m	$6 \leq s < 10,00$ 5,0
<b>Resistance to Surface Wear</b>	EN 438-2.10	Wear Resistance	Revs	IP $\geq 150$ A $\geq 350$
<b>Resistance to Immersion in Boiling Water</b>	EN 438-2.12	Appearance Mass Thickness	Rating % %	$\geq 4$ $\leq 2$ $\leq 2$
<b>Resistance to Dry Heat (180°C)</b>	EN 438-2.16	Appearance	Rating	$\geq 4$
<b>Resistance to Wet Heat (100°C)</b>	EN 12721	Appearance	Rating	$\geq 4$
<b>Resistance to Impact by Large Diameter Ball</b>	EN 438-2.21	Indentation Diameter	mm	Max 10
<b>Resistance to Scratching</b>	EN 438-2.25	Appearance	Rating	$\geq 3$
<b>Resistance to Staining</b>	EN 438-2.26	Appearance	Rating	5
<b>Light-fastness</b>	EN 438-2.27	Contrast	Grey Scale Rating	$\geq 4$
<b>Resistance to Cigarette Burns</b>	EN 438-2.30	Appearance	Rating	$\geq 3$
<b>Flexural Strength</b>	EN ISO 178	Stress	MPa	$\geq 80$
<b>Flexural Modulus (E)</b>	EN ISO 178	Stress	MPa	$\geq 9000$
<b>Tensile Strength</b>	EN ISO 527-2	Stress	MPa	$\geq 60$
<b>Permeability</b>	EN ISO 12572	Permeability	$\mu$	Wet Cup = 110 Dry Cup = 250

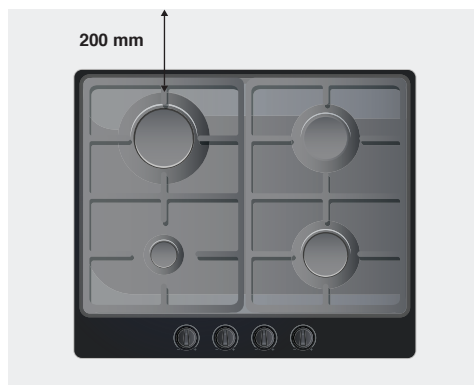
## Design Considerations



### Electric and Induction Cooktops

A minimum clearance of 50 mm is recommended from the back edge of the cooktop to the KompacPanel backsplash/ backer.

Figure 1.1 . Electric and Induction Cooktops



### Gas Cooktops

A minimum clearance of 200 mm is recommended from the outer edge of the gas burner to the KompacPanel backsplash/ backer.

Figure 1.2 . Gas Cooktops

### Disclaimer

The KompacPlus Information Sheet generally aims to give knowledge of the KompacPanels, its end use and technical aspects and in no way account for any form of warranty or representations, either expressed or implied, of its fitness for a specific purpose and the processes required for that purpose.

Moreover, KompacPlus shall not be held liable for any damage caused from relying upon this care guide. The KompacPlus products' suitability in the user's design and application must be verified by the user and corroborated with professionals. KompacPlus reserves the right to make any amendments and changes, whether it be on the product designs or simple product descriptions at any time. The copyright of this care guide belongs to KompacPlus and its manufacturers.

#### Singapore HQ

**KompacPlus Pte Ltd**  
280 Woodlands Industrial Park E5  
#04-15 Harvest @ Woodlands  
Singapore 757322  
t: (65) 6842 0335  
f: (65) 6842 0353

#### Malaysia

**KompacPlus Industries Sdn Bhd**  
No. 3-01 Jalan Pertama 2  
Pusat Perdagangan Danga Utama  
81300 Skudai Johor, Malaysia  
t: (60) 07 558 9878  
f: (60) 07 557 9878

If you would like to obtain more information, discuss a potential project or collaborate with us, please write to us at [enquiry@kompacplus.com](mailto:enquiry@kompacplus.com).

We would love to hear from you.

**kompacplus**