



No Lesen : PC002974  
Licence No :

## LESEN PENSIJILAN BARANGAN

*Product Certification Licence*



SIRIM QAS International Sdn. Bhd. dengan ini menganugerahkan kepada  
*SIRIM QAS International Sdn. Bhd. hereby grants to*

**PANASONIC CORPORATION**  
1048 KADOMA,  
571-8686  
OSAKA, JAPAN

Lesen untuk menggunakan Tanda Pensijilan di atas barangan  
*a licence to use the Certification Mark on*

**PREFINISHED SHEET METAL PRODUCT FOR INTERIOR/EXTERIOR  
BUILDING APPLICATION**

Please refer to detail in the SCHEDULE

sebagai mematuhi keperluan  
*as complying with*  
MS 2383 : 2011

**Mohd Azanuddin bin Salleh**  
Pengarah Urusan  
*Managing Director*  
SIRIM QAS International Sdn. Bhd.

SIRIM QAS International Sdn. Bhd.  
(No. Syarikat 410334-X)  
1, Persiaran Dato' Menteri  
Seksyen 2, Peti Surat 7035  
40700 Shah Alam  
Selangor Darul Ehsan  
MALAYSIA.

Tel : 60-3-55446400  
Faks : 60-3-55446466

<http://www.sirim.my>  
<http://www.malaysian-certified.my>

Tarikh Mula Pensijilan : 12 May 2017

*Certified Since*

Sah Sehingga : 12 May 2019

*Valid Until*

Tarikh Dikeluarkan : 05 April 2018

*Issue Date*

No Siri : 037684

*Serial No*

Lesen ini dianugerahkan tertakluk kepada syarat-syarat Perjanjian Pensijilan Barangan SIRIM QAS International Sdn. Bhd.  
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## SCHEDULE

### PANASONIC CORPORATION



Trade Mark : TUFFSHIELD  
Model : BASE COATED METAL : HOT-DIP ZINC-COATED CARBON STEEL SHEET OF  
COMMERCIAL AND DRAWING QUALITIES TO MS 2385 : 2011; GRADE = 01  
Rating : COATING DESIGNATION = Z180  
Type : PRODUCT TYPE = 4; GLOSS CATEGORY = TYPE 1; GUTTER TYPE  
Size : NOMINAL TOP PVC LAYER THICKNESS ( $\mu\text{m}$ ) = 400; NOMINAL BOTTOM PVC  
LAYER THICKNESS ( $\mu\text{m}$ ) = 400; NOMINAL BASE METAL THICKNESS (mm) =  
0.4; MAXIMUM WIDTH (mm) = 1200

**Factory Name and Location :**  
**PANASONIC CORPORATION**  
**605 NAKATARA MAIBARA CITY, SHIGA**  
**5210011, JAPAN**

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