



Insulation For a Better Tomorrow

IndoFoil™

Thermal shield

www.indofoil.co.id



IndoFoil™ adalah sebuah material insulasi bebas fiber, yang berfungsi untuk melindungi Rumah dan Bangunan dari panas yang disebabkan oleh Radiasi Matahari, Konduksi atap Bangunan, dan Konveksi.

IndoFoil™ dapat menjaga stabilitas temperatur ruang, sehingga menjadi Hemat Energi listrik dalam penggunaan Pendingin Udara.

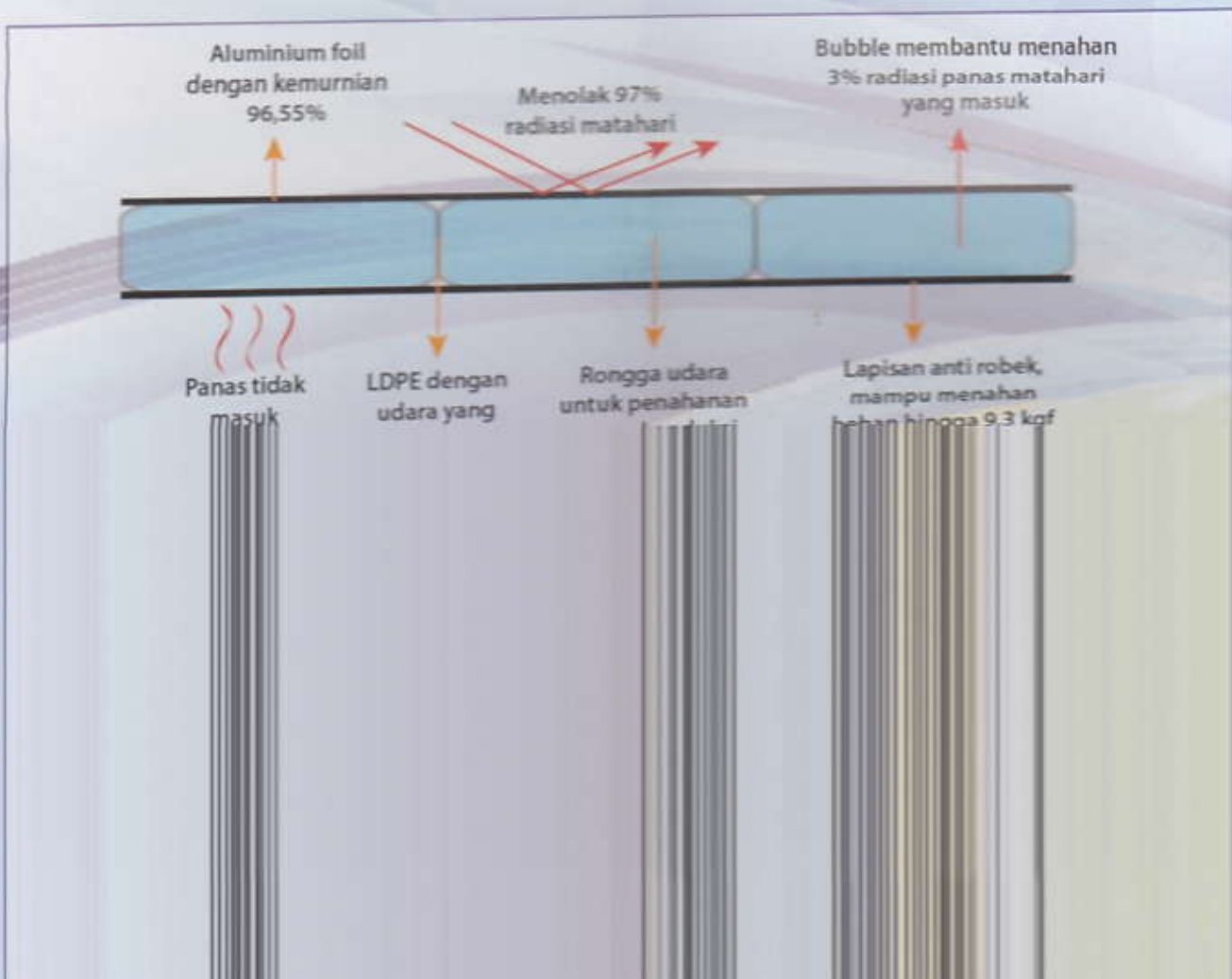
IndoFoil™ menjadikan bangunan anda Sejuk dan Nyaman.

Keunggulan **IndoFoil™** :

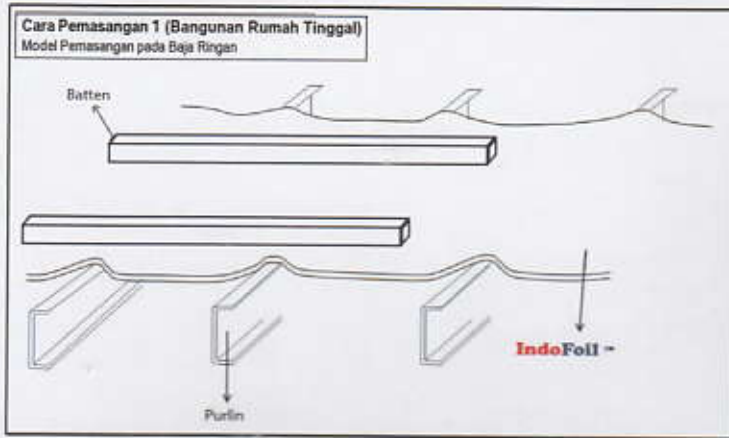
- * Kedua Sisinya menggunakan aluminium dengan kemurnian 96,55%
- * Dapat memberikan pemantulan radiasi yang optimal dengan ketebalan foil 7 micron
- * Tahan robek hingga 9,3 kgf
- * Tidak merambatkan api
- * Kantung udara (Bubble) terbuat dari low density polyethylene
- * Menggunakan 2 lapisan high density polyethylene pada setiap sisinya, sehingga **IndoFoil™** menjadi lebih kaku
- * Pemasangannya mudah dan cepat
- * Telah dilengkapi dengan UV protection dan anti oxidation sehingga lebih kuat dan tahan lama

Manfaat menggunakan **IndoFoil™** :

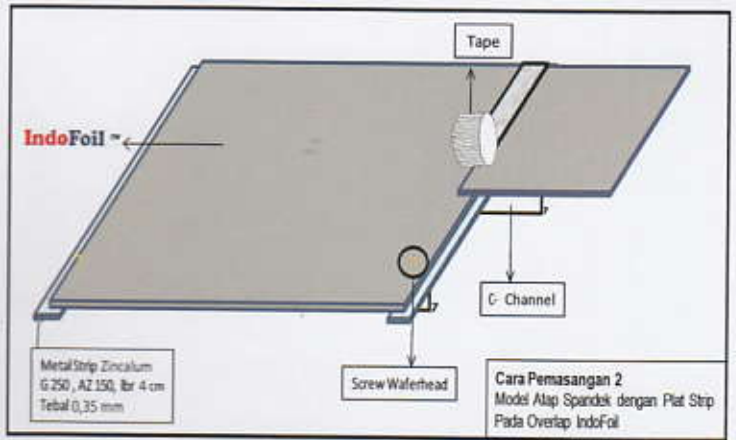
- * Efektif melindungi dari radiasi panas matahari.
- * Solusi praktis dan tepat dalam mencegah perpindahan panas dalam sebuah bangunan baik secara radiasi, konduksi maupun konveksi
- * Menjaga stabilitas suhu dalam sebuah ruangan sehingga dapat meningkatkan kualitas fungsi ruang
- * **IndoFoil™** dapat mengurangi beban listrik dalam penggunaan Air Conditioner (Mendukung Go Green)
- * Mencegah kebocoran
- * Tidak merambatkan api apabila terjadi hubungan arus pendek
- * Aplikasi **IndoFoil™** dapat selaras dengan tampilan estetika, karena **IndoFoil™** dapat dipasang dengan rapi sesuai dengan bentuk atap
- * Pemasangan **IndoFoil™** mudah dan cepat, sehingga tidak mengganggu jadwal pekerjaan lain



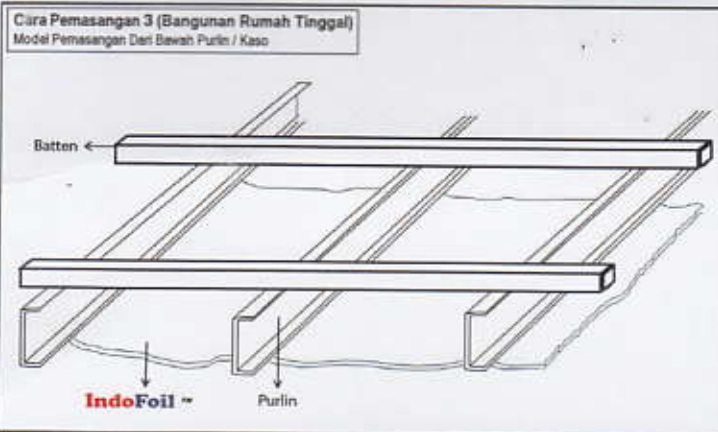
Cara Pemasangan **IndoFoil™**



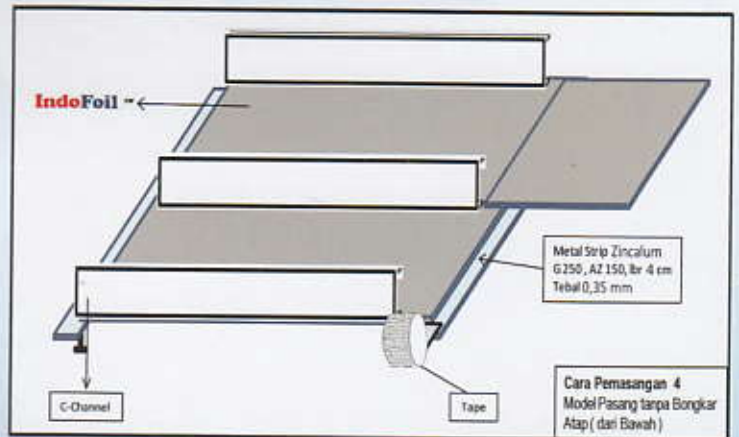
Pemasangan pada Baja Ringan (Rumah Tinggal)



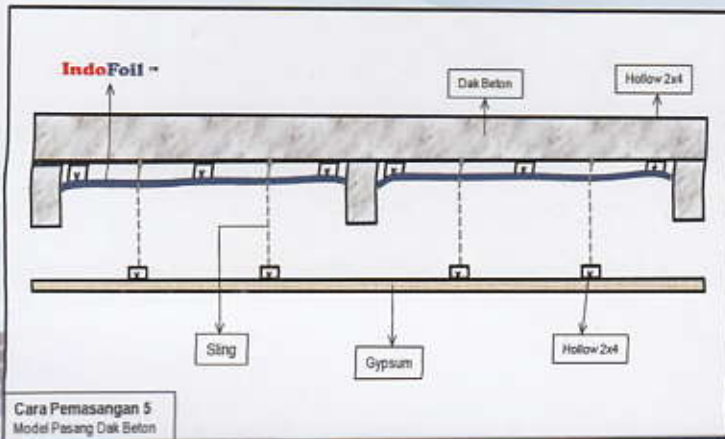
Pemasangan pada Atap Spandek dengan Plat Strip



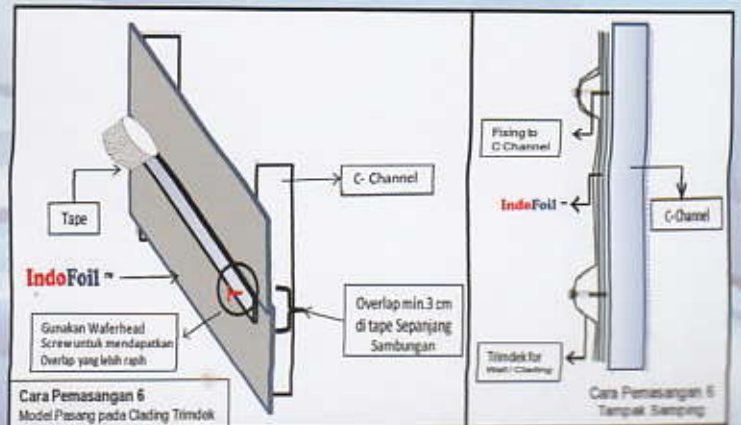
Pemasangan dari Bawah Purlin (Rumah Tinggal)



Pemasangan dari bawah tanpa bongkar atap



Pemasangan pada Dak Beton



Pemasangan pada Clading Trimdek



BP10

Insulation For a Better Tomorrow
IndoFoil™
Thermal Shield

Certification :

- Thermal Performance** : provides a protective Insulation Barrier, Radiant Barrier and Vapor Barrier. ASTM C 518-10, ASTM C1371 (Thermal Performance and Thermal Emittance, certified By R&D Services USA)
- No Health or Safety Risks** : easy to install and contains no fibers making it Non-Allergenic, Non Irritant and Non-Carcinogenic. Material Safety Data Sheet issued by Jiande Anjian Test Technology Services Co.,Ltd
- Fire Retardant** : Independently tested and certified to comply with ASTM E84 & E2599 (Tested By R&D Services USA).
UL - 94, UL - 723 Class A

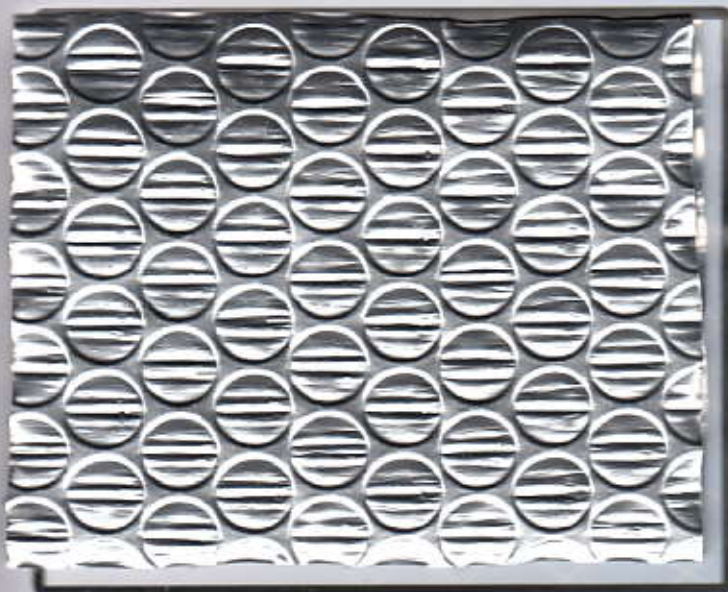
Roll size :

1,2 m x 50 m = 60 m²

Available in Custom Length Size

Product Specification :

Product thickness	: 4 mm
Bubble diameter	: 1 cm
R - Value	: 0,11 m ² .K/W
Foil thickness	: 7 microns
Foil usage	: Both Side
Foil purity	: 96,55 %
Foil reflectivity	: 97 %
Foil emittance	: 3 %
Anti tear surface	: None
Tear resistance value	: -
Fire retardant	: comply with As 1530,3
Ignition Temperature	: > 400 °C
Fungi growth	: nil
Moisture performance	: unaffected
Pliability	: no cracking
Basis Weight	: 316 gr/m ²



BP11

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IndoFoil™
Thermal Shield

Product Specification :

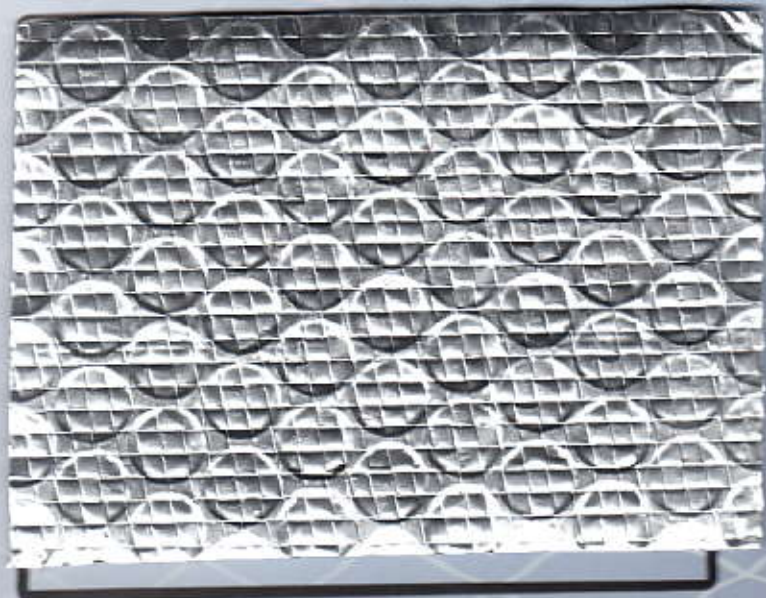
Product thickness	: 4 mm
Bubble diameter	: 1 cm
R - Value	: 0,11 m ² .K/W
Foil thickness	: 7 microns
Foil usage	: Both Side
Foil purity	: 96,55 %
Foil reflectivity	: 97 %
Foil emittance	: 3 %
Anti tear surface	: One Side
Tear resistance value	: 7,1 kgf
Fire retardant	: comply with As 1530,3
Ignition Temperature	: > 400 °C
Fungi growth	: nil
Moisture performance	: unaffected
Pliability	: no cracking
Basis Weight	: 367 gr/m ²

Roll size :

1,2 m x 50 m = 60 m²
Available in Custom Length Size

Certification :

- Thermal Performance** : provides a protective Insulation Barrier, Radiant Barrier and Vapor Barrier. ASTM C 518-10, ASTM C1371 (Thermal Performance and Thermal Emittance, certified By R&D Services USA)
- Durable and Strength Performance** : Product manufactured using a unique anti-tear material. ISO 527-4 (LIPI) ASTM D882, ASTM D1938 (Tensile Strength and Tear testing by Kobe Material Testing Laboratory, Japan)
- No Health or Safety Risks** : easy to install and contains no fibers making it Non-Allergenic, Non Irritant and Non-Carcinogenic. Material Safety Data Sheet issued by Jiande Anjian Test Technology Services Co.,Ltd
- Fire Retardant** : Independently tested and certified to comply with ASTM E84 & E2599 (Tested By R&D Services USA).
UL - 94, UL - 723 Class A



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BP20



Product Specification :

Product thickness	: 8 mm
Bubble diameter	: 2 cm
R - Value	: 0,14 m ² .K/W
Foil thickness	: 7 microns
Foil usage	: Both Side
Foil purity	: 96,55 %
Foil reflectivity	: 97 %
Foil emittance	: 3 %
Anti tear surface	: None
Tear resistance value	: -
Fire retardant	: comply with As 1530,3
Ignition Temperature	: > 400 °C
Fungi growth	: nil
Moisture performance	: unaffected
Pliability	: no cracking
Basis Weight	: 320 gr/m ²

Certification :

- **Thermal Performance** : provides a protective Insulation Barrier, Radiant Barrier and Vapor Barrier. ASTM C 518-10, ASTM C1371 (Thermal Performance and Thermal Emittance, certified By R&D Services USA)
- **No Health or Safety Risks** : easy to install and contains no fibers making it Non-Allergenic, Non Irritant and Non-Carcinogenic. Material Safety Data Sheet issued by Jiande Anjian Test Technology Services Co.,Ltd
- **Fire Retardant** : Independently tested and certified to comply with ASTM E84 & E2599 (Tested By R&D Services USA).
UL - 94, UL - 723 Class A

Roll size :

1,2 m x 30 m = 36 m²
Avaiable in Custom Length Size



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BP21

Product Specification :

Product thickness	: 8 mm
Bubble diameter	: 2 cm
R - Value	: 0,14 m ² .K/W
Foil thickness	: 7 microns
Foil usage	: Both Side
Foil purity	: 96,55 %
Foil reflectivity	: 97 %
Foil emittance	: 3 %
Anti tear surface	: One Side
Tear resistance value	: 9,3 kgf
Fire retardant	: comply with As 1530,3
Ignition Temperature	: > 400 °C
Fungi growth	: nil
Moisture performance	: unaffected
Pliability	: no cracking
Basis Weight	: 375 gr/m ²

Certification :

- Thermal Performance** : provides a protective Insulation Barrier, Radiant Barrier and Vapor Barrier. ASTM C 518-10, ASTM C1371 (Thermal Performance and Thermal Emittance, certified By R&D Services USA)
- Durable and Strength Performance** : Product manufactured using a unique anti-tear material. ISO 527-4 (LIPI) ASTM D882, ASTM D1938 (Tensile Strength and Tear testing by Kobe Material Testing Laboratory, Japan)
- No Health or Safety Risks** : easy to install and contains no fibers making it Non-Allergenic, Non Irritant and Non-Carcinogenic. Material Safety Data Sheet issued by Jiande Anjian Test Technology Services Co.,Ltd
- Fire Retardant** : Independently tested and certified to comply with ASTM E84 & E2599 (Tested By R&D Services USA).
UL - 94, UL - 723 Class A

Roll size :

1,2 m x 30 m = 36 m²
Avaiable in Custom Length Size



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BP22

Product Specification :

- Product thickness : 8 mm
- Bubble diameter : 2 cm
- R - Value : 0,14 m².K/W
- Foil thickness : 7 microns
- Foil usage : Both Side
- Foil purity : 96,55 %
- Foil reflectivity : 97 %
- Foil emittance : 3 %
- Anti tear surface : Both Side
- Tear resistance value : 14 kgf
- Fire retardant : comply with As 1530,3
- Ignition Temperature : > 400 °C
- Fungi growth : nil
- Moisture performance : unaffected
- Pliability : no cracking
- Basis Weight : 375 gr/m²

Certification :

- Thermal Performance** : provides a protective Insulation Barrier, Radiant Barrier and Vapor Barrier. ASTM C 518-10, ASTM C1371 (Thermal Performance and Thermal Emittance, certified By R&D Services USA)
- Durable and Strength Performance** : Product manufactured using a unique anti-tear material. ISO 527-4 (LIPI) ASTM D882, ASTM D1938 (Tensile Strength and Tear testing by Kobe Material Testing Laboratory, Japan)
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- Fire Retardant** : Independently tested and certified to comply with ASTM E84 & E2599 (Tested By R&D Services USA). UL - 94, UL - 723 Class A

Roll size :

1,2 m x 30 m = 36 m²
Avaiable in Custom Length Size