



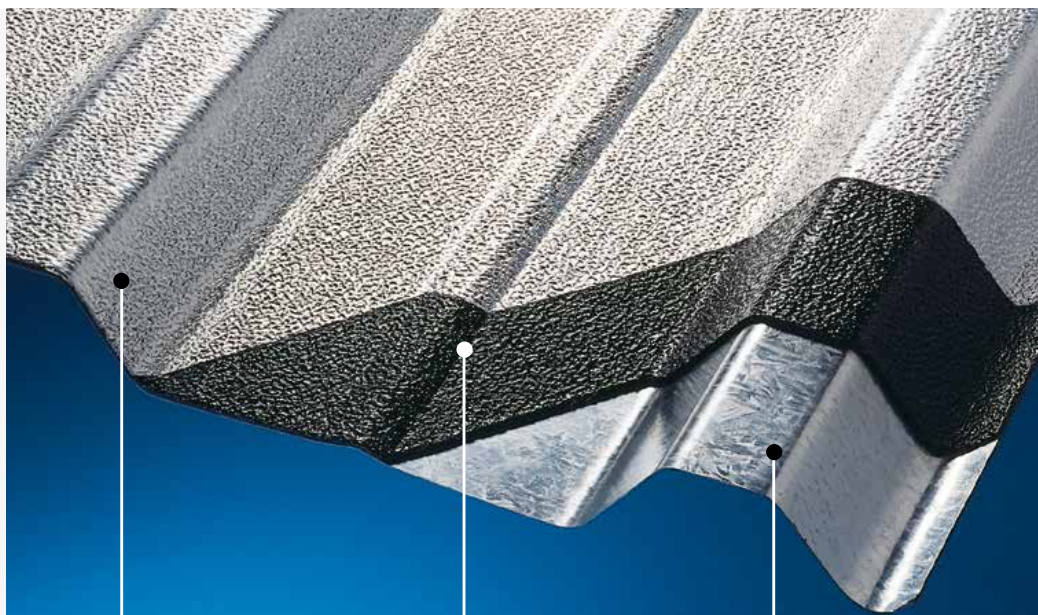
60 YEARS EXPERIENCE ALL OVER THE WORLD
25 YEARS PRESENCE IN ISRAEL

INSULATING MULTILAYER PROTECTED STEEL ROOFING

מכון התקני
הישראלי

STEEL MULTILAYER PROTECTION

HOW WE BUILD EXCELLENCE



It wraps and protects the anticorrosive layers, preserving their plasticity over time and, in the natural finish, it reflects the solar thermal radiation.

It shields the steel completely, protecting it from oxidation and making it resistant to corrosion. Moreover it avoids the vibration of the steel sheet, preventing the drumming effect under rain or hail.

It guarantees infrangibility and the mechanical properties of the panel. It also assures reduced thermal expansion.



COMPLYING WITH ISRAEL FIRE STANDARDS SI755

[illegible]

הדוגמה הנ"ל שנבדקה סיווג לפי אמות המידה
כתי" 755 (2010) כדלהלן:
דרגת התלכדות - V (חמש)
דרגת צפיפות ששן - 3 (שלוש)
דרגת עיוות צורה והטיפוס - 3 (שלוש)
- הערות -
כינוי הדגם והם הייצור שצויינו לעיל נכתבו בהתאם
להצטרות ממזין בדקתה.

פרוט מצוי בדפים הבאים של מסמך זה.



PROFILES

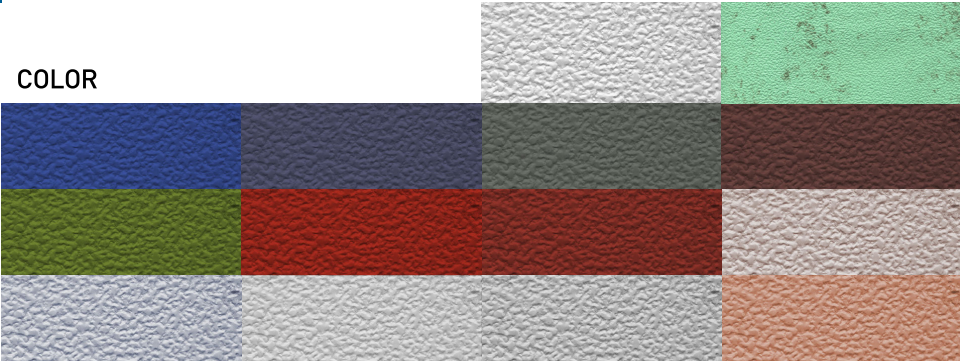
The original Ondulit multilayer coating technology of steel is based on the synergistic protective effect known as “duplex”, characterizing those systems in which durability is increased by reciprocal protection of the individual layers. Thanks to an exclusive manufacturing process in continuous, all the different components of the multilayer system are integrated to form a compact material with a complete protection, of great efficacy and durability.

length	custom tailored
nominal width	900 mm
cover width	785 mm
average total thickness	2.4 mm
steel thickness	0.60 - 0.80 mm
mass/m²	8.000 kg with steel 0.60 9.400 kg with steel 0.80
tolerances	on length: + 20, – 5 mm on covering width: + / – 5 mm on thickness + / – 0,2 mm

length	custom tailored
nominal width	850 mm
cover width	773 mm
average total thickness	2.4 mm
steel thickness	0.60 - 0.80 mm
mass/m²	8.600 kg with steel 0.60 10.000 kg with steel 0.80
tolerances	on length: + 20, – 5 mm on covering width: + / – 5 mm on thickness + / – 0,2 mm

length	custom tailored for minimum lot of 2500 sq. m.
nominal width	1000 mm
cover width	900mm
average total thickness	2.4 mm
steel thickness	0.60 mm
mass/m²	7.5 kg
tolerances	on length + 20, – 5 mm on covering width + / – 5 mm on thickness + / – 0,2 mm

COLOR

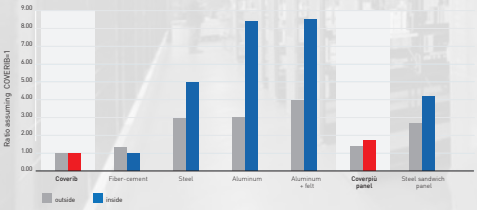


PROPERTIES AND PERFORMANCES

THE MULTILAYER PROTECTED STEEL ROOFING

THE
PERFORMANCES
OF A 25 YEARS
EXPERIENCE IN
ISRAEL

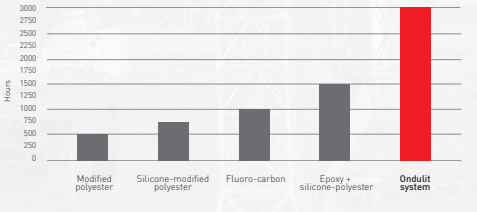
Acoustic pressure comparison under rain



A QUIET METAL ROOF

The thick plastic-bituminous compound on the both sides of the steel core absorbs the impact of the rain. the sheet is therefore aphonic.

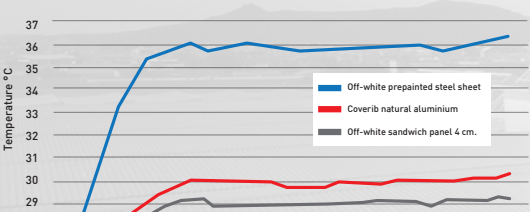
Salt spray fog test



A HIGHLY CORROSION-RESISTANT METAL ROOF

An incredible resistance to corrosion, even in the most aggressive atmospheres.

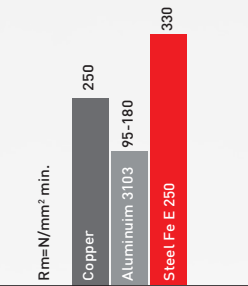
Comparative thermal comfort test



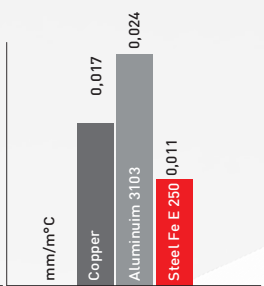
A HEAT REFLECTIVE ENERGY SAVING METAL ROOF

Reflective power of 90% with natural aluminium finishing that permits to have a good comfort in hot climates.

Tensile strenght values of different metals



Thermal expansion values of different metals



A POWERFUL AND WEIGHT-RESISTANT METAL ROOF

In Ondulit systems, mechanical and thermal expansion characteristics are thoses specific of the steel, constituting the sheet's internal core.



INSULATING
MULTILAYER
PROTECTED STEEL
ROOFING

ONDULIT COVERIB MORE STRENGTH TO YOUR ROOF

60 YEARS EXPERIENCE ALL OVER THE WORLD
25 YEARS PRESENCE IN ISRAEL



GRAN SOREK SCHOOL



NATHANYA SOCCER FIELD



REHOVOT SHOPPING MALL - AMERICAN CITY



YES PLANET



THEATER - DROM HASHARON



REHOVOT SHOPPING MALL - AMERICAN CITY



FOOD AND SHOPPING CENTER - TEL AVIV JAFFA



BASKETBALL HALL - RISHON LEZION



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