



- ✓ **HIGH-TECH** CONSTRUCTION
- ✓ **ENERGY** GENERATION
- ✓ **INTEGRATIVE** SOLUTION
- ✓ **ARCHITECTURAL** INTEGRATION
- ✓ **TECHNOLOGIE &** CONSTRUCTION
- ✓ **DESIGN &** QUALITY
- ✓ **BEAUTIFUL** POWER GENERATION

## BIPV solutions

Sunerg Solar develops, manufactures and markets pv module the last generation. FACADES BECOME ACTIVE AND BEAUTIFUL. We provide architects, developers with white or light-coloured active full-building elements that are durable and aesthetically pleasing. Our technology acts as a selective mirror that reflects visible light and transmits infrared rays. This allows PV modules to appear white to the human eye, yet retain excellent power output.

The film reduces the module's operating temperature. A reduction of around 10°C was measured at the back of the module when the outdoor temperature was 25°C. Compared with standard black PV modules, this temperature reduction leads to:

- a better relative performance in real outdoor conditions, particularly in warm climates
- reduced building air conditioning needs.

