

ABSTRACT

To provide a solar cell module excellent in processability at the time of production, a method for producing it, and a building exterior wall material using it.

The method for producing a solar cell module of the present invention is a method
5 for producing a solar cell module, which comprises disposing a cover glass, a first
encapsulant material containing a first resin, a design material containing a fluoro-resin,
a second encapsulant material containing a second resin and solar cells in this order,
and contact-bonding them with heating to produce a solar cell module comprising, from
the light-receiving surface side of the solar cell module, the cover glass, a first
10 encapsulant layer having a thickness of from 50 to 2,000 μm , formed of the first
encapsulant material, a design layer having a thickness of from 10 to 1,000 μm , formed
of the design material, a second encapsulant layer having a thickness of from 50 to
2,000 μm , formed of the second encapsulant material, and the solar cells in this order,
wherein a value obtained by subtracting T_{m1} from T_{mf} , and a value obtained by
15 subtracting T_{m2} from T_{mf} , are both 30°C or higher, where T_{mf} (°C) is the melting point
of the fluoro-resin, T_{m1} (°C) is the melting point of the first resin, and T_{m2} (°C) is the
melting point of the second resin.

(Fig. 2)