SoliTek

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Declaration of Conformity
REACH regulation

Dear partner,

SoliTek PV modules fulfills the requirements of the REACH regulations except lead, that is above 0,1% (w/w). The coatings of the ribbon contains lead that is used for soldering the ribbons. We have tested alternative material for lead - bismuth. Bismuth lacks quality of soldering compared to lead. Additionally, bismuth is by-product of lead extraction & production, thus not an ideal substitute. The findings were published by us in research article: https://doi.org/10.9770/IRD.2021.3.3(1)

Our glass-glass modules ensures that there is no lead leakage from the module. We have acquired C2C gold certificate, which proves that our PV module is safe for environment & humans during production, usage and end-of-life phases. Additionally, we taken step to show material content of our module in SundaHus database. All of the substances with their weights are available for the users.

We have set up EU research projects & collaboration agreements with recyclers to develop recycling processes. Only automated recycling processes should be used to avoid humans contact with lead exposure. We are continuously monitoring list of materials in REACH and other regulatory and voluntary based databases that could cause harm for humans or environment.

Date
2023-10-10

Name, surname, position, and signature of authorized person
Tadas Radavičius
Sustainability manager

