

TECHNICAL BULLETIN

Solar Reflective Index (SRI) Wood Decking

Under USGBC / LEED Rating System SSc7.1 Exemplary Performance threshold of 100%, requires a minimum solar reflective index (SRI) of 29.

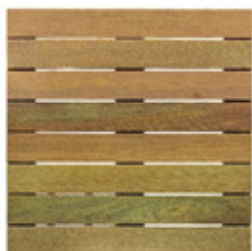
Ipe Wood (Un-weathered - Brown) has a Solar Reflective Index (SRI) of 36 (Average).

Ipe Wood (Weathered Grey) has a Solar Reflective Index (SRI) of 45 (Average).

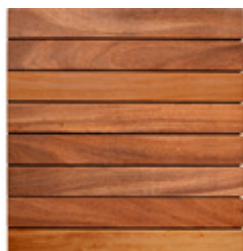
Ipe Wood has a very dark brown color which occurs naturally.

Itauba, Cumaru and Thermally modified Woods having similar color and weathering characteristics to Ipe will generate similar solar reflective Index (SRI) as Ipe.

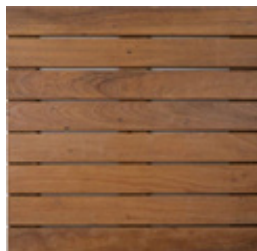
Garapa Wood having light golden color will have a higher solar reflective index than the darker wood species upon installation and a similar solar reflective index (SRI) upon weathering.



Ipe



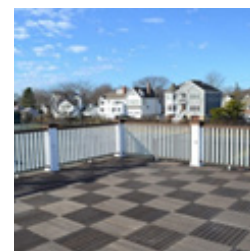
Cumaru



Itauba



Garapa



Weathered