

Climate coating - little effort, big effect

In southern Europe, people have been dealing with the issue of heat protection for much longer than here in Germany. The usual measure against heat is air conditioning, but the architect and builder of a picturesque villa with guest apartments directly on the Portuguese Algarve did not want this under any circumstances. He opted for a completely new and sustainable solution at the time, which was implemented around 2005.

Dutch architect Jan Krielaars fought for a long time to obtain planning permission for his highly individual and picturesque villa Quinta Zacarias in the Algarve. It was finally allowed to be built at the end of the 1990s.

His dream was to furnish the apartments in a variety of international styles and to create an open, natural overall impression with a high feel-good factor throughout the building. The ingeniously designed house includes an oriental and an African apartment, an ocean apartment and an original small farmhouse.

The architect found the solution for heat protection in Germany in the form of the ClimateCoating climate coating from SICC Coatings. It works purely physically and, thanks to its very strong reflective performance, protects the facade from overheating even in midsummer, which significantly reduces the heat load in the house. The sometimes quite dark colors used on the house reflect at least 50% of the sunlight, the white version almost 90%.

The house is still lived in and rented out without air conditioning, despite the typically high summer temperatures in the region. In internet reviews, guests mentioned things such as a lack of TV and poor Wi-Fi, but never a lack of air conditioning.

The paint is now around 19 years old and, due to the geographical location, is exposed to strong sun, a lot of wind, salt and sand. This does not detract from the appearance, the facades are still in very good condition.

Would you also like to significantly reduce the heat load in the building? And facades with such long service lives? Or do you have a problem with excessive heating costs that you simply want to solve? Here too, a climate control coating is a sensible approach.

As an independent specialist in energy-neutral climate control materials, we will be happy to advise you and find a tailor-made solution for you, inside, outside or on the roof.

Focus:
Heat