

STAYING COOL



YKGI GROUP

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YKGI utilises Beckers quality paint for ColorCoat® EnvioFlex™ products.

YKGI utilises quality steel products from Nippon Steel & Sumitomo Metal Corporation



www.ykgigroup.com



DESIGN FLEXIBILITY



TERMITE PROOF



WARRANTY



YKGI PRODUCT



RECYCLING



IMPROVED COATING



DURABILITY



THERMAL EFFICIENCY



HEATBOUNCE™



YKGI IS ISO 9001 CERTIFIED



YKGI IS ISO 14001 CERTIFIED



YKGI IS OHSAS 18001 CERTIFIED



SIRIM, ECO-LABEL CERTIFIED TO ECO-032 CERTIFICATION NO. : EL000047



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CREATING COOLER ENVIRONMENT IN BUILDINGS

Looks Cool, Feels Cooler

Glass, brick, concrete, and steel are some of the most popular building materials, featuring prominently in cityscapes worldwide due to their resistance to the elements. Almost every building utilises these materials to varying degrees. Apart from architectural design, how would any building stand out from the rest? With ColorCoat® EnvioFlexTM, we have the solution for you.



ColorCoat® EnvioFlexTM Creating cooler environment within buildings.

Staying cool

All our ColorCoat® EnvioFlexTM coated steel options incorporate our advanced HeatBounceTM solar reflectance solution painstakingly engineered to reduce surface temperature. This innovation enables solar energy to be reflected off the surface of the steel, rather than being absorbed into the building. Such high Solar Reflectance Index (SRI) values enable our steel products to be in compliance with the requirements of green building rating tools such as Malaysia's Green Building Index (GBI).

The resulting advantages are threefold. With EnvioFlexTM coated steel absorbing less heat, darker colours can now be utilised without worries about the building

becoming a heat sink. In addition, lower building surface temperatures concomitantly raises your building's energy efficiency, as both localised and centralised air-conditioning systems work less strenuously to maintain cool and comfortable indoor environment for building occupants. Finally, cooler surface temperatures reduce the buildup of thermal tension in the steel sheets which will help increase material durability and thus lower long-run building maintenance costs.

Staying new

Our ColorCoat® EnvioFlexTM coated steel products are formulated with a proprietary combination of highly durable binder and high-performance inorganic pigments to enhance gloss and retention of colour. These properties are especially crucial in enabling your building to stand up to the deleterious effects of the elements, keeping building façades looking new for a longer time than any other offerings in the market. Indeed, all EnvioFlexTM steel offerings are laboratory-tested around the world so you can be assured of their ability to withstand extreme climate conditions.

And with our wide array of colours on offer, your building can be free from being staid and solemn to embrace the vivid and variegated appearance.

Staying clean

EnvioFlexTM is designed with innovative surface-cleaning properties that prevent dirt and particles from being bonded to the surface. So all applications of the product – whether in roofing or cladding – can stay clean for an extended period as contaminants are washed away with the aid of rainfall.

Furthermore, cutting-edge metallic coating steel substrates have been blended into our paint system for maximum resilience to corrosion. EnvioFlexTM coated steel thus provides excellent protection for metal roofing and cladding, especially in harsh tropical settings.

Staying assured

Staying cool and looking clean are decidedly challenging conditions to achieve and maintain in unforgiving hot-and-humid tropical climates. But we stand by the quality of our products with warranties of up to 25 years against product defects. So you can be assured that your building can look cool and feel cooler, for a long time to come.



Wing Hin Autohaus (Volkswagen) - Balakong, Selangor - Wall Cladding & Roofing.



Wisma Star Shine - Klang, Selangor - Wall Cladding & Roofing.

Assured Quality and Warranty

EnvioFlexTM steel comes with a product warranty up to a:

- 25 years warranty* against perforation due to corrosion
- 15 years warranty* against flaking and peeling
- 12 years warranty* against colour fading and chalking
- 5 years warranty* against dirt staining

* Warranty terms and conditions apply

