



EDEKA Hieber, DE-Bad Krozingen



## StoColor X-black

### Strong paint for cool facades



The phenomenon is well-known: dark surfaces attract heat when exposed to direct solar radiation, because they absorb the impacting sunlight and turn it into heat, while light surfaces reflect most of the incoming energy. StoColor X-black from the paint generation of the future, iQ – Intelligent Technology, removes virtually all thermal limits when it comes to the coloured design of buildings. Overheated facades, crack formation, or building element expansion resulting from high temperatures can all become things of the past. Thanks to its innovative NIR (near-infrared) black pigments, the heat-reflective StoColor X-black facade paint is guaranteed to keep temperature peaks caused by solar radiation below 70 °C.

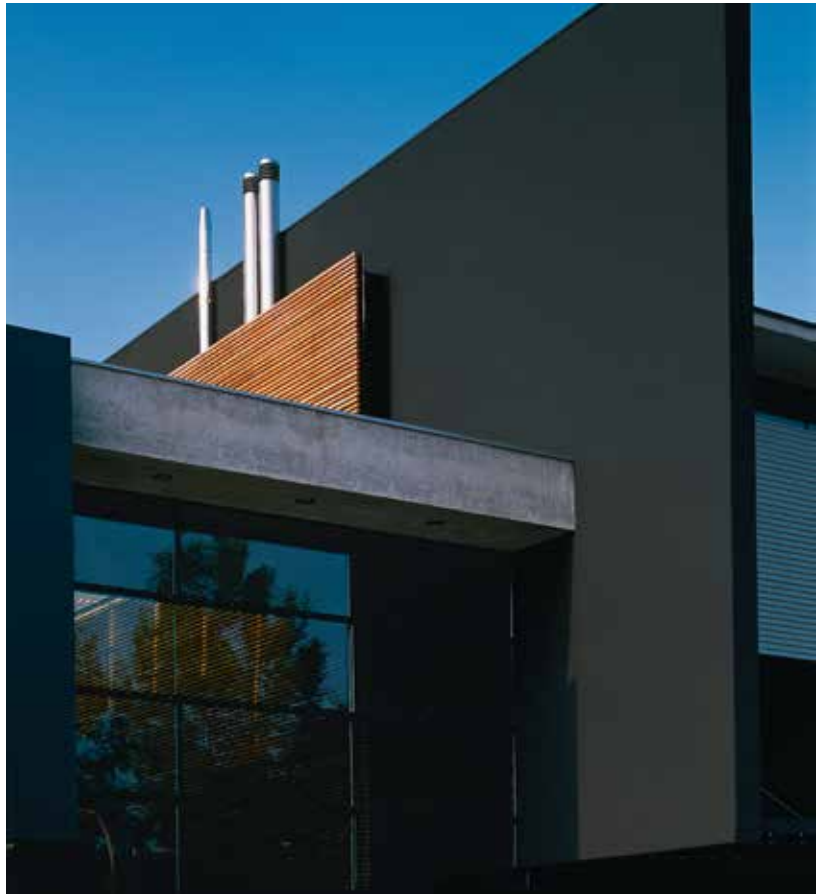
# StoColor X-black

For especially intensely-coloured and cool facades.

An external wall insulation system keeps building interiors comfortably cool in the summer. Surfaces, however, may reach temperatures exceeding 80 °C, particularly when coated in dark colour shades and under solar radiation, posing a risk of crack formation or insulant deformation. Large amounts of solar energy are absorbed in the invisible near-infrared range. This is why NIR black pigments have replaced conventional pigments in the new StoColor X-black facade paint. The other pigments required for individual colour shades are also prepared using a particularly effective NIR formulation. The same applies to the filler materials used. Thanks to this special X-black Technology, dark surfaces stay considerably cooler and the facade is protected more effectively against crack formation.

## Trendy facade design with strong colour shades

StoColor X-black stands for virtually unlimited freedom of colour design. Vibrant and black facade surfaces are also easy to implement. The paint based on pure acrylate is available in all shades of the StoColor System and, on request, also in a wide range of others. In combination with the StoTherm Classic® external wall insulation system, even light reflectance values < 10 are possible.



Municipal utilities, DE-Metzingen



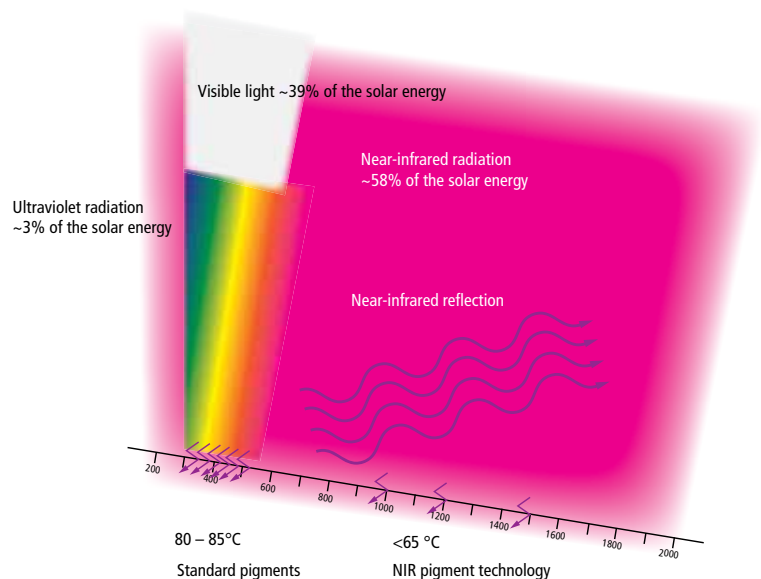
The iQ – Intelligent Technology brand characterises products whose innovative functions provide clear added value.

## StoColor X-black at a glance

- Reflects the near-infrared spectral region of solar energy
- High colour shade variety and colour stability
- Especially for dark colour shades

### Classes in accordance with EN 1062-1:

- Water vapour diffusion: V2 (average)
- Water permeability: W3 (low)



## Strong paint for cool facades.

The facade paint with X-black Technology for especially intensely-coloured and cool facades.

### Head office

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### Market Development

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The detailed technical specifications and information on the products contained in the Technical Data Sheets and approvals must be observed.