WFP IQ Hybrid Reactive 2C

2C-hybrid coating
Reactive, ultra flexible

Product description
WFP IQ Hybrid Reactive 2C is a two component, reactive hybrid coating. Solvent- and Bitumen-free, ageing- and UV resistant. Component A is a polymer liquid component; Component B is a reactive special powder. By adding of the reactive special powder into the liquid component homogeneous slurry occurs which is easy to process considering of directives for planning and completion of flexible sealing slurries. After drying it occurs a fixed, high flexible and waterproof building sealing. The pasty and stable consistency of the material allows application of high coating thicknesses in one work process with the spray-, painting and trowel apply. WFP IQ Hybrid Reactive 2C is not re-emulsified even with long water contact. Furthermore, it is resistant against media usually occurring in the soil.

Area of application
WFP IQ Hybrid Reactive 2C is used for producing of sealing elements of buildings indoors and outdoors. The product is suitable for application on horizontal or vertical areas. Furthermore, WFP IQ Hybrid Reactive 2C can used as sealing on ground areas, horizontal barrier under walls, balconies, terraces and bonding of insulation boards. The WFP IQ Hybrid Reactive 2C is also suitable for renovation of aged bitumen sealing. The material adheres on all dry and slightly damp, mineral grounds as well as on bituminous grounds.

Properties
- Two-component
- spreadable, paint,- and sprayable
- quickly becomes rainproof ( after 2 hours)
- load bearing after 16 hours
- Crack-bridging
- impervious to radon
- resistant against freeze and de-icing salt
- bitumen- and solvent free
- paint- and plasterable
- absolutely waterproof
- suitable for bonding of insulation boards
- „Made in Germany“
Specification

Base: polymeric emulsion and special reaction powder
Color: blue
Processing temperature: > +5°C until +35°C
Density: mixture approx. 1.5 kg/liter
Ultimate elongation: > 80%
Crack bridging: >2mm
Consistency: pasty, applicable with spraying, spreading and slurrying equipment
Processing time: approx. 40 minutes at +20 °C, higher temperatures cause faster reactivity
Consumption: approx. 2.5-4.0 kg/m² depending of required protection. Soil moisture/ non-standing seepage water/ non-pressing water min. 2.5 kg/ m²
Standing seepage water, water pressure from the exterior (to 3 m water column)
Min. 4.0 kg/ m² scratch coat approx. 1.5 kg/ m²
Thickness: 2.5 kg/ m² is equivalent to 2 mm dry film thickness
Hardening time: 16 hours depending of the humidity, temperature, thickness and surface after 2 hours
Rain fastness: 2 hours

Delivery form
25 Kg Combi-package (A+B)
18 packages per pallet

Storage
12 months (cool +5 - +25 °C, frost free and dry in original packaging)

Application

Preparation of the surface
The surface must be slightly moist, fix, stable, and clean. Absorbent substrates have to be matt damp pre-wetted. Loose constituents, earth, barrier agents, forming oil, grease and other reduce adhesion separating layers have to be removed before using WFP IQ Hybrid Reactive 2K. Damaging concrete and plaster areas, cracks, joints and holes need to improved/closed with WFP Swelling mortar. Grates and sharp irregularities have to be buried and remove. Necessary hollows and curves have to be made with WFP Swelling Rubber.

Material
WFP IQ Hybrid Reactive 2K can only be applied with a spraying or spreading device on the surface which needs to seal. Stir up the liquid component in the hoblock and mix-in with the slow-speed stirrer 2 minutes the powder component slowly until a homogeneous mass is obtained. Firstly, scratch coat is needing for smooth surfaces of brick, and concrete block or concrete areas. The sealing has to be done in two plies between the work processes between the plies there has to be drying time of 2 hours. In case of standing seepage water you have to use between the complete plies WFP reinforcement fabric. You have to craft a hollow/fillet with WFP Swelling Rubber before sealing the whole area. Special attention should be paid for a proper performance of the sealing in areas of joints, junctions and transitions and penetrations. The fresh coating should be protected from rain and strong sunlight.
Recommended tools
Wide brush, trowel, spraying device, gloves, safety glasses

Remark
The information complies with the current state of development. There is no claim for completeness. A professional and therefore successful processing of the products is not within our responsibility. We accept a warranty only for the quality of the products, but not for processing. It is the responsibility of the user to evaluate the suitability of our products for its purpose. Preliminary tests are recommended.