



KOHLHAUER® NOISE BARRIERS – QUALITY OF LIFE **KOHLHAUER SCORSA® FLEX - THE FLEXIBLE SOLUTION**

Austria · Bosnia & Herzegovina · Bulgaria · China · Czech Republic · France · Germany · Greece · Hong Kong · Italy · Korea · Latvia · Netherlands · Poland · Romania · Serbia · Spain · Sweden · Switzerland · Turkey · United Kingdom

NEW <

Easy to install
Efficient protection from
wind and noise
Maximum transparency



KOHLHAUER **SCORSA**[®] **FLEX** - UNIQUE FLEXIBILITY

DURABILITY AND COST-EFFECTIVE DESIGN

KOHLHAUER **SCORSA**[®] **FLEX** noise barrier system excels with its innovative, modular and highly flexible design. SCORSA FLEX systems allows you to construct curved noise barriers with transparent frames. Curved systems have the advantage of offering improved noise reduction while lowering the height of the barrier. The KOHLHAUER **SCORSA**[®] **FLEX system** provides a full system solution including supports, a flexible, hinged frame and special clamps. It is a system solution for quick and easy installation, a well designed and thought-through system that guarantees excellent value for money, while still meeting the highest demands on design and functionality.

Application

KOHLHAUER **SCORSA**[®] **FLEX** - noise barriers perfectly combine attractive appearance, simple assembly with superior technical achievement. They allow a panoramic view of the surrounding landscape and help to prevent the well known problem of "tunnel vision". In this way they help to improve quality of life as well as increase road traffic safety.

KOHLHAUER **SCORSA**[®] **FLEX**'s straight lines make them stand out without having that depressing, oppressive effect on motorists. The refractive effect of the curves in the material transforms sunlight into a flat, lively band with shadow effects that are pleasant for neighbouring residents to look at. Motorists also prefer this system with its different levels, as they are not distracted by posts and instead see a constant, pleasant barrier.

Benefits

- Impressive design
- System solution for quick and easy installation
- Stable hinged frame out of coated aluminium
- Optional with anti-graffiti coated surface
- Transparent materials with high noise insulation, as well as proven stone chip resistance
- UV resistant and weatherproof design
- Sheets can be delivered in various colours / materials
- CE declaration of conformity
- Requirements of the standards EN-1793, EN-1794 and the german ZTV-Lsw 06 are fulfilled
- Modular standard elements for cost-effective construction of projects of any size



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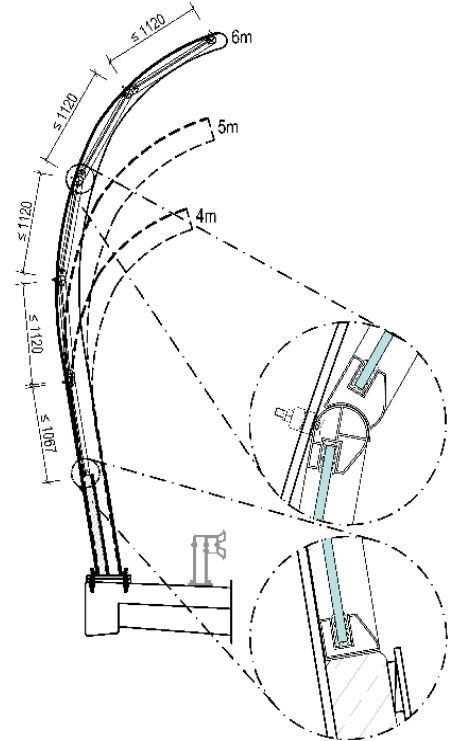
DURABILITY AND COST-EFFECTIVE DESIGN

Basic Elements

- Posts as curved T-profile, for optimal use of materials
- Aluminium hinged frame
- Aluminium cast clamps
- Suitable EPDM rubbers for soundproof connections
- Temporary or permanent graffiti protection
- 3.96 x 1.00 m modular construction
- Various base options with CONCRETE (reflective) or with KOHLHAUER **ALUFERA**[®] (highly absorptive on both sides)

Product Properties

- Excellent sound insulation properties
- Stable elemental structure, suitable even for high load application
- Very high durability and corrosion resistance
- High UV resistance and colourfastness for all used materials
- 100% recyclable materials
- Acrylic (PMMA), silicate glass (ESG/annealed glass) or polycarbonate (PC) pane filling
- Combinations with **KOHLHAUER ALUFERA**[®] combines high noise protection and noise absorption.





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MORE KOHLHAUER® PRODUCTS



**KOHLHAUER
ALUFERA**

The reasonable and proven all-round Grid-Insulation-System (GIS) with many design variations.



**KOHLHAUER
PLANTA**

The plantable noise barrier - eco-friendly sustainable and high functionality.



**KOHLHAUER
VOLTA**

Double benefit: Noise barrier combined with sustainable power generation through solar technology.

