

#### Elevator: safe and functional

- Elevator hoisting solutions:
  - Flexisteel®
  - Fine steelcord for elevator belts

# Key trends

- CO<sub>2</sub> reduction sustainable solutions
- Further **urbanization** higher/taller buildings
- The need for vertical transportation system grows
- Moderization of outdated elevators



# Building

Hoisting solutions for elevators

# A new level of ride comfort

#### Challenges

- High consumption of energy and material lead to increased CO<sub>2</sub> footprint
- Cost pressure in elevator maintenance
- Space constraits in elevator shafts in existing buildings

### Benefits



Flexisteel®

Fine steelcord for elevator belts



- We develop high performing hoisting products to reduce energy and raw material consumption
- Our hoisting solutions do not require any greasing which lowers the maintenance costs
- Our hoisting solutions help you to develop smart elevator designs leaving more space for cabins
- We as an innovation leader for hoisting of elevators are the best partner for co-development









Bekaert Elevator Hoisting Video EN 2023 02 01





### Building

Hoisting solutions for elevators



**Polymer coated** elevator ropes

### **Flexisteel®**

#### **Product features**

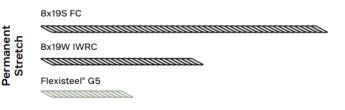
- Zinc-coated steel construction rope with thermoplastic extrusion
- Combine high strength with increased traction
- Low elongation Flexisteel® displays minimal sag
- Our high-tensile, high-engineered steel cords benefit from a minimum breaking load of 28 kN
- Smart rope construction with low permanent stretch





Want to know more?







Wire Düsseldorf 2024

### Building

Hoisting solutions for elevators



# Fine steel cord for elevator belts



#### **Product features**

- Zinc coated with adhesion primer
- Low elongation
- High breaking load
- Excellent processability
- Good adhesion with TPU
- Long and successful track record of impeccable quality





