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# SAFETY UN BREAK ABLE GLASS

**GTB**  
group

We build  
for your  
comfort

Security without compromise - tempered laminated glass of the highest quality.

## About Us

For more than 20 years GTB have been manufacturing glass and steel components for Architecture, Refrigeration and Heating applications. By utilising the most modern German and Italian machinery, GTB are able to supply products with a high quality and very competitive price from within Europe.

### GTB GROUP, s.r.o.

Na Baštici 350  
739 01 Staré Město  
Czech Republic

IČ: 14613221  
DIČ: CZ14613221

+420 558 442 332

[info@gtb.cz](mailto:info@gtb.cz)

# Safety glass

Protection and durability engineered to your needs

**GTB**  
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## Our Services

We offer all types of safety glass - various properties and combinations of all possible safety treatments

### WHY CHOOSE OUR TOP-QUALITY SAFETY GLASS?

#### **Security without compromise – tempered laminated glass of the highest quality.**

Our products combine the strength of tempered glass with the durability of laminated technology. This ensures maximum protection not only in everyday use but also in situations where safety is essential.

Tempered laminated glass can prevent theft from shop windows or display cases where precious metals, jewelry, or artifacts of immeasurable value are exhibited. It is the ideal choice for stores, galleries, and museums – anywhere valuable items must be protected while remaining perfectly visible.

#### **Our glass guarantees that what matters most stays safe.**

### POSSIBILITY OF USING LAMINATED GLASS

- Display windows and showcases with precious metals, jewelry, or artifacts of immeasurable value
- Protective walls in museums and galleries
- Security glazing for banks, jewelry stores, or luxury boutiques
- Facades and entrance portals of buildings where resistance to impacts and burglary is crucial
- Glass railings and partitions in high-traffic areas

01



#### **TEMPERED GLASS**

Tempered glass (or toughened glass) is a strong safety glass made by heating and rapidly cooling glass, creating surface compression and internal tension, making it 4-5 times stronger than regular glass and causing it to shatter into small, harmless, granular chunks instead of sharp shards when broken.

02



#### **LAMINATED GLASS**

Laminated glass is two or more glass panes bonded with a strong plastic interlayer (like PVB), creating a composite that resists shattering, making it safer by holding glass fragments together upon impact, preventing dangerous shards, and offering benefits like security, sound reduction, and UV protection.

03



#### **TEMPERED LAMINATED GLASS**

The combination of tempered and laminated glass represents a high-quality safety solution. Tempered glass gains increased resistance through the laminated technology – the individual layers are firmly bonded, which significantly enhances its ability to withstand impacts. The result is glass with maximum strength and durability.