

For slabs 250 mm or thicker...

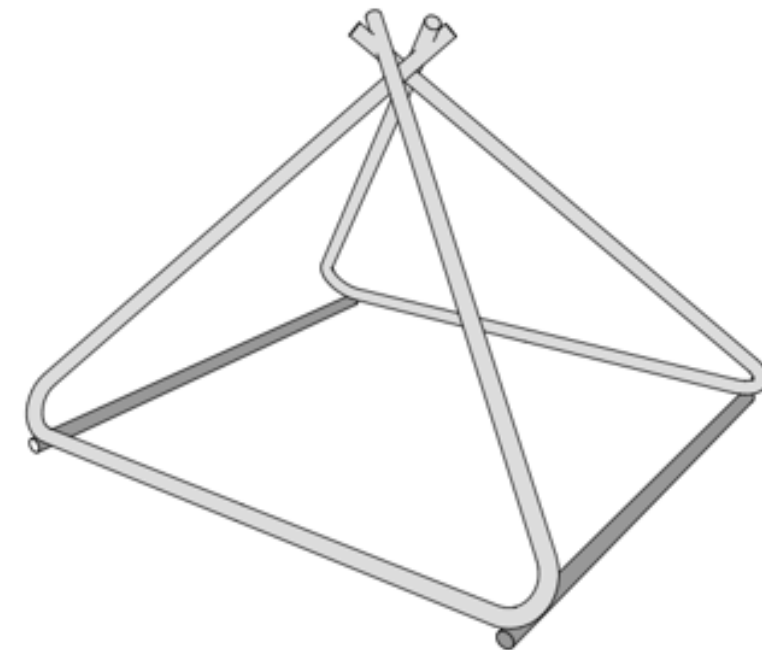
Should we use rebar barchairs? They're too difficult to install...

Should we use plastic spacers? They keep tipping over...

"We hunt the demons of construction sites"

Barona

Wire Barchair



Wire Barchair — easy to install and resistant to overturning.



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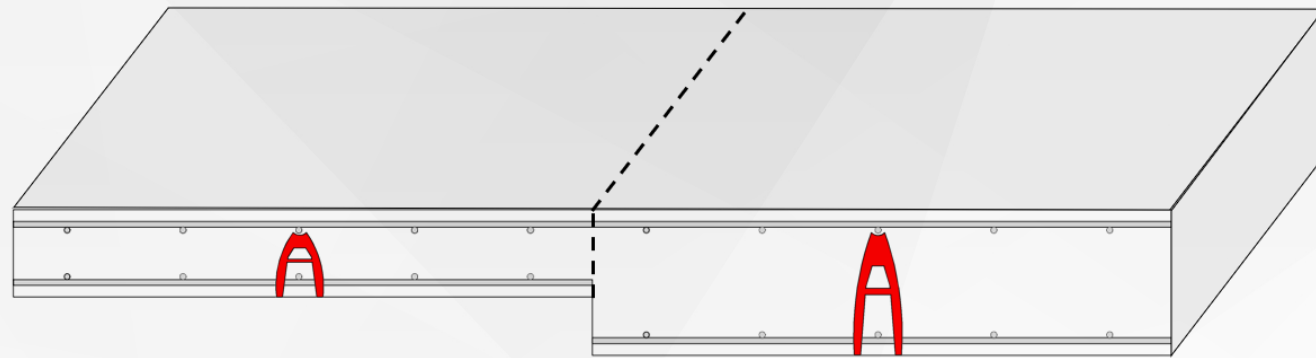
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Thicker Slabs ↑, Importance of Spacers ↑

In recent buildings, slab thickness has increased to accommodate longer spans and improve floor impact noise performance.

As spacers become taller, conventional plastic spacers face stability issues.



Conventional Slabs (~180 mm)

- Short spans
- High levels of floor impact noise

Modern Slabs (250-300 mm)

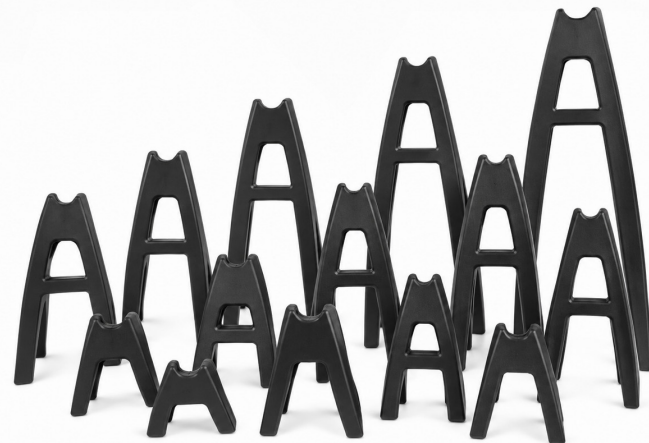
- Long spans
- Improved floor impact noise performance

Limitations of Conventional Plastic Spacers

Made of plastic, Low strength

Weak against lateral forces → easily tip over

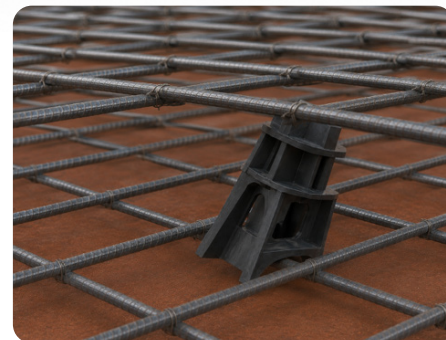
→ Reduced construction quality and structural performance



Accidental contact during construction



Displacement during concrete pouring

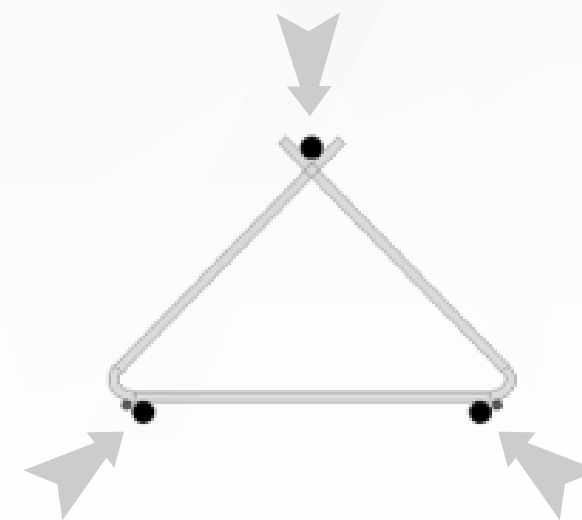
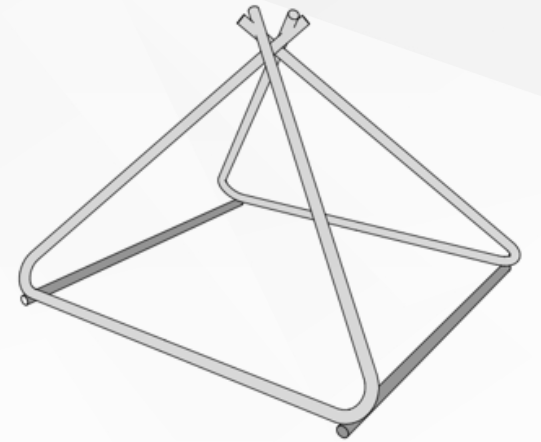


Lifting of top reinforcement

What is the Wire Barchair?

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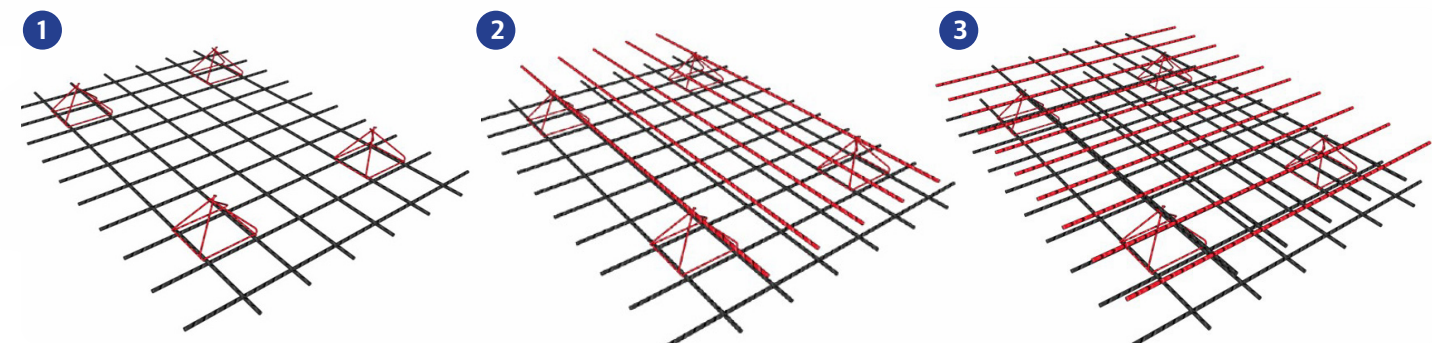
Triangular design placed on bottom rebar
Great alternative to plastic spacers



- ✓ **Firmly support** top rebar
- ✓ Stays fixed and **resists tipping**
- ✓ Supports over **450kg per unit**
(5x stronger than plastic spacers)



Installation



1. Place on bottom rebar

2. Place top rebar on the Wire Barchair
(no wire tying required)

3. Install top main rebar