



Benefits of Sauerland Tubular Board



Solutions for the better door!

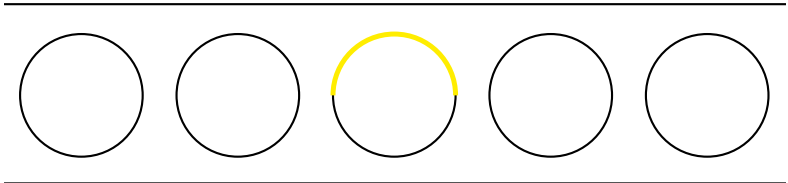


The brilliant idea

In 1950 the extrusion method was applied to wood-based materials for the first time – **Tubular Board** was born. Until today Sauerland developed a wide range of products and applications – always focussed on this genius principle.



Arches are a fundamental idea in architecture.



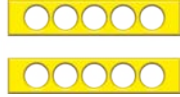
Sauerland Tubular Board is based on arches.

Weight reduction

High-tech airplanes transport up to 800 people. They would not be able to leave the ground if weight reduction were not one of the most important principles of construction.

Be light!



S 
Sauerland Spanplatte

Modern doors have to cover a number of technical purposes. For most of these, solid particle board is too heavy – **Sauerland Tubular Board** guarantees just the right weight.



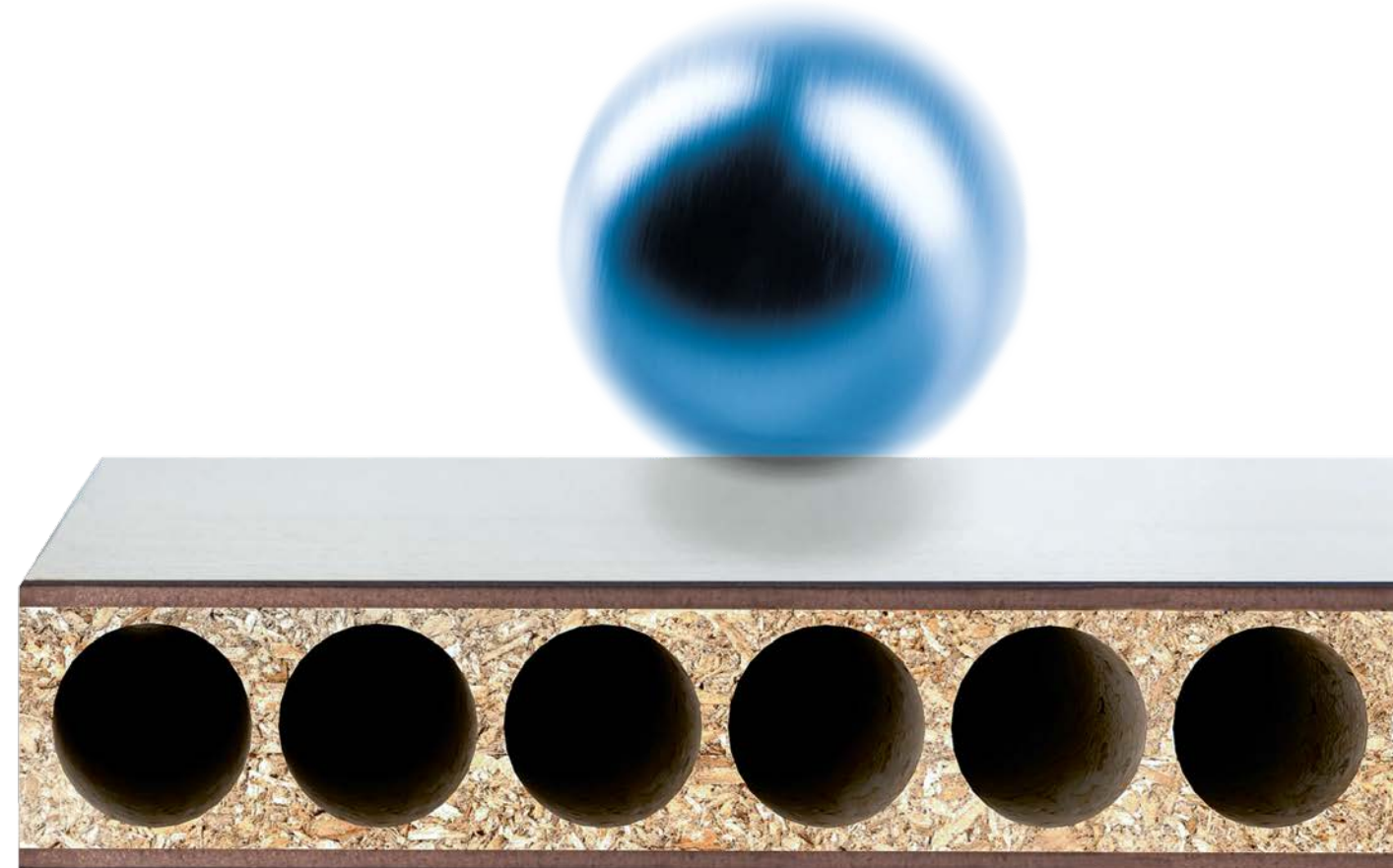
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Impact resistance

Big dams have to withstand millions of tons of water – a feat made possible by the bow towards the water. This construction principle is the secret of the enormous impact resistance.

Be strong!

Modern doors have to resist a great deal of stress. They are moved and handled every day. **Sauerland Tubular Board** guarantees their integrity for decades.



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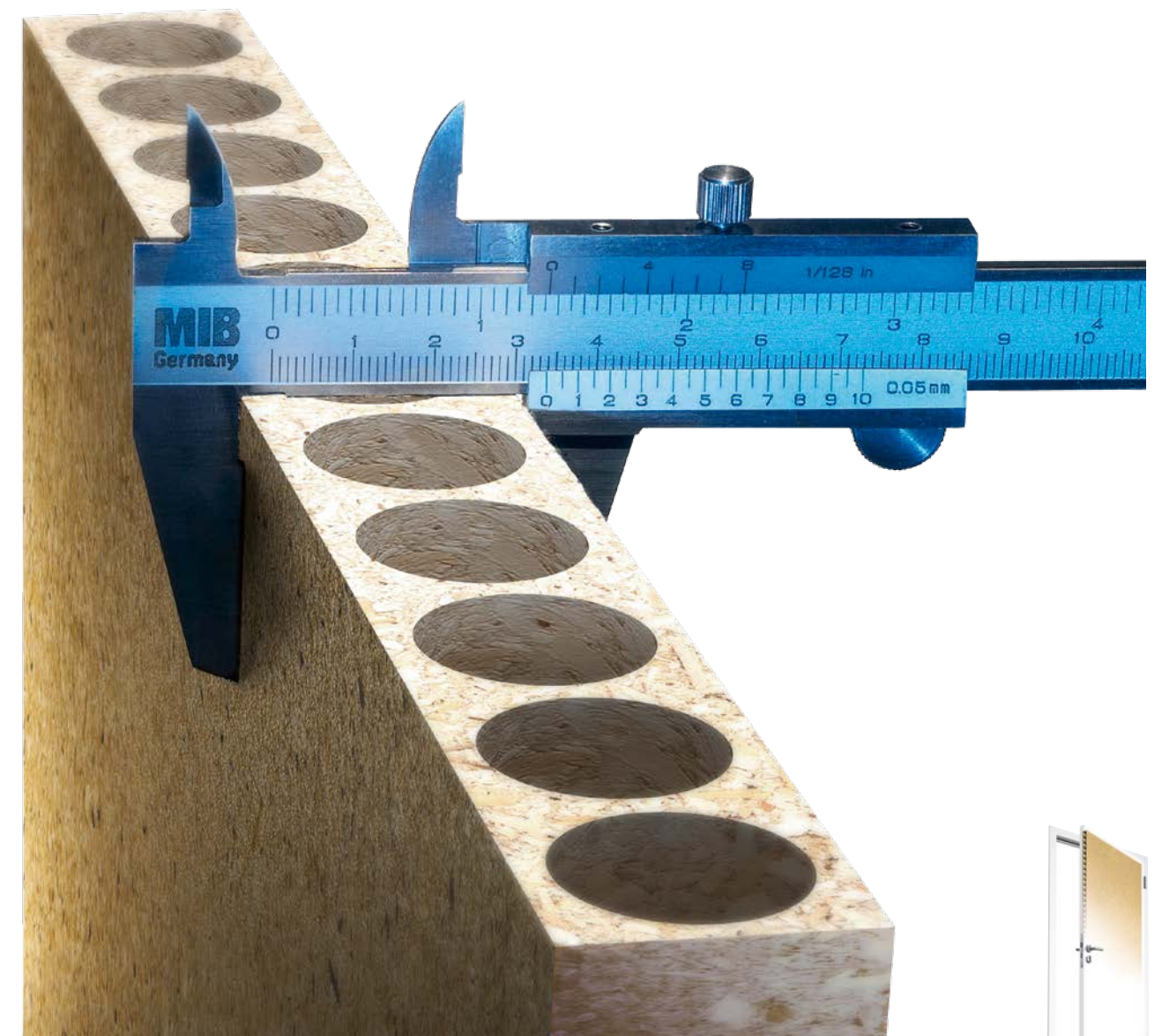
Thickness precision



All computer hard drives have to be extremely precise in thickness. If not, the read head would touch the surface and destroy important data.

Be precise!

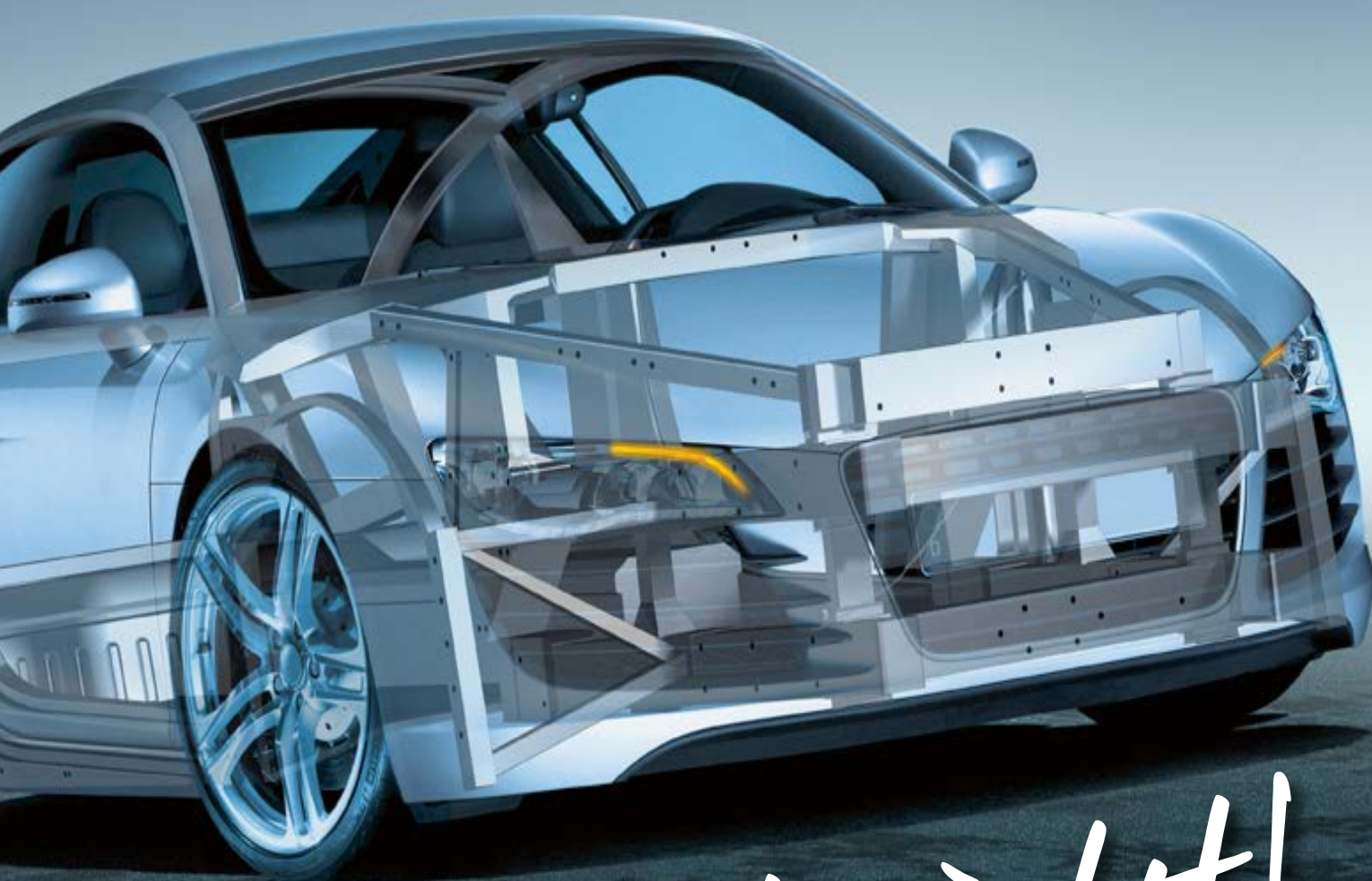
Modern doors must have a perfect surface. Finishes such as lacquer or high pressure laminate are very sensitive. **Sauerland Tubular Board** maintains top precision during its long lifetime.



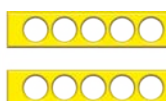
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No distortion

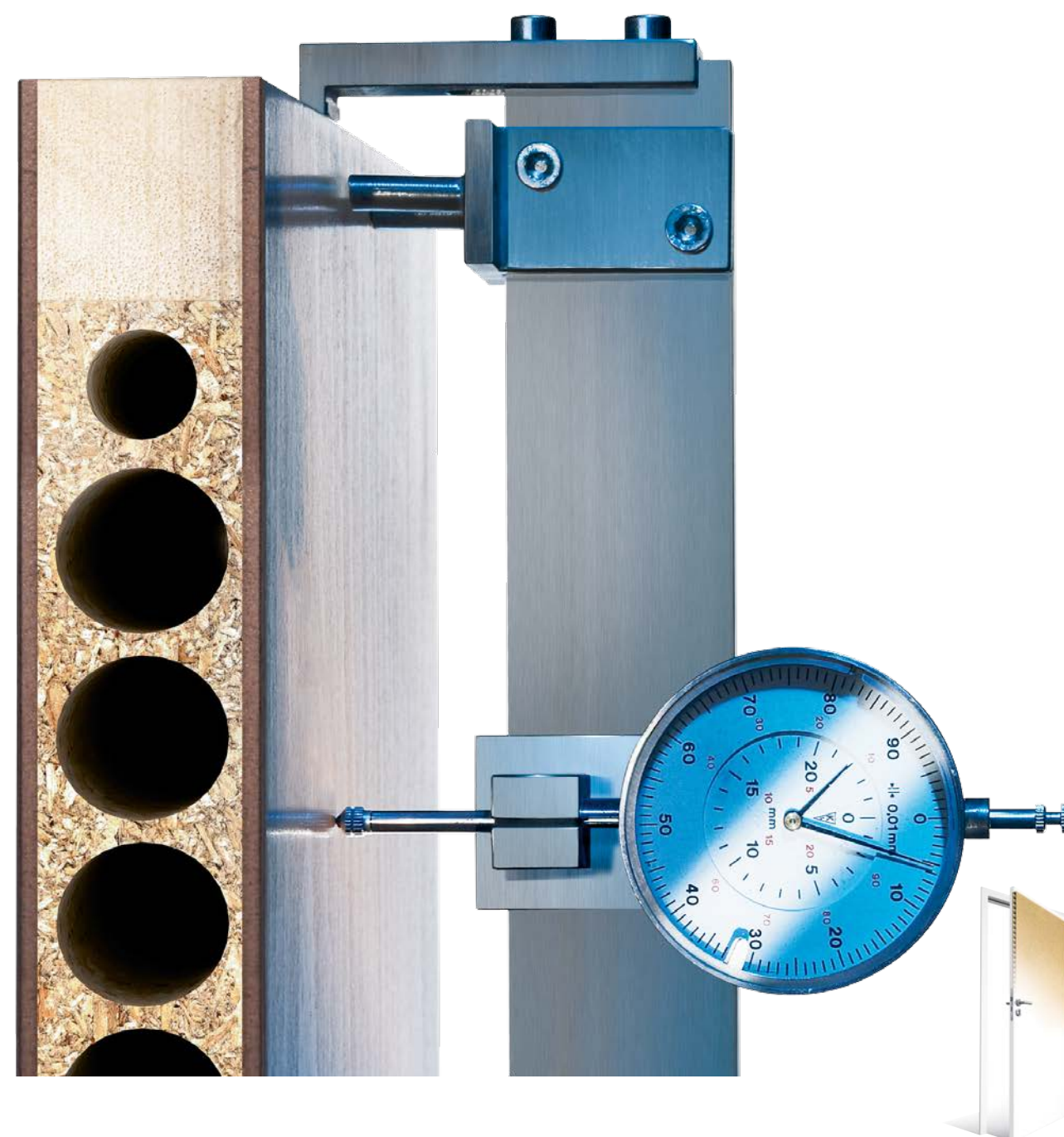
Up-to-date cars should not warp in order to guarantee the best road holding. The right constructive infill is essential for their performance.



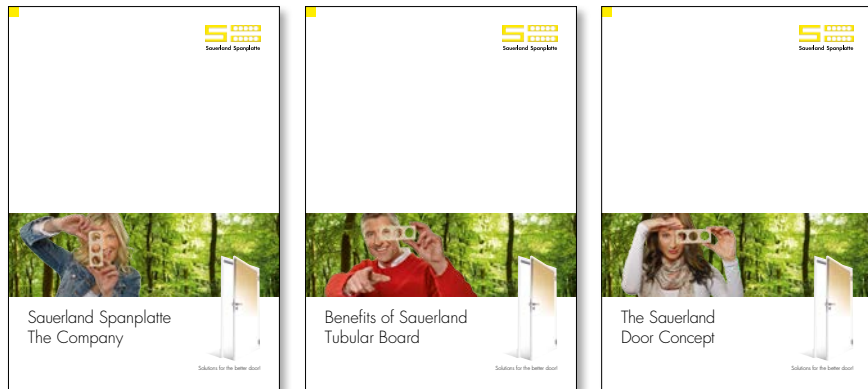
Be straight!

S 
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Modern doors should remain straight for a number of reasons: The joints work perfectly, neither noise nor cold can pass. With **Sauerland Tubular Board** inside, the door closes properly.



Solutions for the better door!



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