

# Press Release

## **Patented DUSS Ski Binding Plate Receives Official FIS Approval – Setting New Standards in Safety and Performance**

Schluein, June 2025 – The revolutionary ski binding plate developed by DUSS Innovations GmbH has officially received approval from the International Ski Federation (FIS). This milestone highlights the binding plate's importance both in terms of safety and its exceptional performance potential in alpine ski racing.

This official FIS approval is the result of seven years of intensive development, including nearly four years of close communication with FIS and ongoing dialogue with leading ski manufacturers. The plate was rigorously tested, including an impressive 114 test days on a single unit to verify its durability. Made from high-strength aerospace-grade aluminum and treated with a special surface coating, it offers outstanding glide properties and long-term durability.

A core feature of the DUSS plate is its integrated elastomer suspension elements, which drastically reduce impact peaks during skiing and landings. These elements significantly cushion shocks, protecting athletes from the intense G-forces typically encountered and reducing the risk of injury.

Additionally, the DUSS plate greatly reduces the risk of edge-catching incidents, known as "hook-ins," which can occur when skis unexpectedly lock into grooves or ridges on the slope. Thanks to its elastic mounting and slight torsional flexibility, the ski maintains smoother, more stable control during straight runs.

Even on harsh, icy, and heavily used racecourses like the famous Lauberhorn, the DUSS binding plate provides key advantages. Its adaptive flex and torsional response allow the ski to follow the terrain more fluidly, reducing stress on the body and enabling a more stable ride.

At the same time, the DUSS plate opens up entirely new possibilities for individual tuning. Much like a Formula 1 suspension system, damping and stiffness can be precisely adjusted to match the skier's preferences and course conditions. This results in a noticeably higher base speed, offering decisive performance benefits in both training and competition.

"We aim to collaborate closely with every ski manufacturer competing in the World Cup," says Roland Duss, CEO of DUSS Innovations GmbH. "From a safety and health standpoint, it should be in every manufacturer's interest to provide their athletes with the best possible protection. Beyond safety, our plate also offers a direct performance advantage, enabling higher speeds and the potential for faster times on demanding courses."

The DUSS plate meets all FIS requirements and has therefore been officially approved for use in alpine ski competitions. It was presented to the FIS in the context of advancing safety standards and stands as a major innovation in competitive skiing.

The ski binding plate is now available in various versions in the official shop at [www.duss.ch](http://www.duss.ch).

More information: [www.duss.ch](http://www.duss.ch)

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