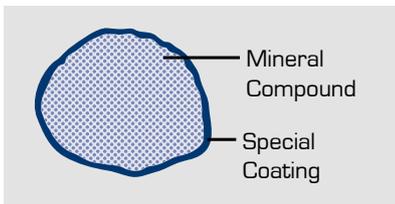




MATERIAL AND TESTING

CAREFULLY SELECTED MATERIALS

Our balancing compound is the result of extensive testing and research on materials as well as tyre and field testing to create a carefully balanced material, durable yet gentle to the tyre.



To guarantee performance, HOFMANN POWER WEIGHT 505 balancing compound consists of a carefully selected mineral compound. It combines properties like being relatively inert to environmental influences and offering high density as well as excellent heat resistance. In the production process a special coating is applied to each particle. This coating creates a smooth, non-abrasive yet durable surface that protects the tyre and inner liner and increases flowability of the material.

FUSION TECHNOLOGY

Immediately catching the eye is the mix of two different materials, we call this FUSION TECHNOLOGY. The

two coloured materials are kernels in different sizes. This mix of product



increases flowability of the material and allows the material to distribute easier within the tyre, while maintaining a relatively high density. This allows for optimal vibration dampening of static and dynamic imbalance.

TESTED TO TYRE STANDARDS

Together with our developing partners at the State Materials Testing Institute and Institute of Automotive Engineering at the University Darmstadt, renowned for their expertise in tyres, we have put our material to the test. According to international tyre standards our material ran inside truck tyres through several endurance tests as well as acceleration and breaking test cycles.

THE POST TESTING EVALUATION SHOWED:

- No change of the compound
- No damages on tyre or liner
- TPMS sensors undamaged

PROVEN IN THE FIELD

Together with our developing partners we are constantly running endurance tests in multiple large fleets, with multiple use characteristics, from long haul trucks and long distance bus lines to inner city transportation. Every test vehicle is monitored and regularly evaluated by our developing partners.



With several 100.000 km on the clock, the Hofmann balancing compound has already proven its performance and reliability in the field.



Tested by TU Darmstadt according to ECE 54/ ECE 109