NOW ALSO WITH UNIQUE MSI® TECHNOLOGY

See reverse for more information.

IMPRIMO® LC Splint comfort & IMPRIMO® LC Splint comfort MSI®

Precision, comfort, durability – the best choice for hard-elastic splints!

IMPRIMO® LC Splint comfort is the ideal option for dentists and dental laboratories looking for top precision when manufacturing hard-elastic orthodontic bite splints.

Our IMPRIMO® LC Splint comfort, based on state-of-the-art 3D printing technologies, offers optimal performance and reliability. The light-curing, methacrylate-based resin is compatible with DLP and MSLA systems with wavelengths of ≤ 405 nm. The resin is characterized by improved application thanks to its greater flexibility and lower susceptibility to breakages compared with hard materials. With IMPRIMO® LC Splint comfort, we offer durable results and maximum patient satisfaction.

The advantages for you at a glance:

- **Precise manufacturing of hard-elastic splints**
- **Thermal effect and optimal flexibility for maximum wearing comfort in the mouth**
- **High durability with low susceptibility to breakages**
- **Reduced biofilm adhesion thanks to MSI® technology**

Available versions:

IMPRIMO® LC Splint comfort	1 kg
Colour: clear transparent	REF 6550.1

IMPRIMO® LC Splint comfort MSI®	1 kg
Colour: ocean blue	REF 6575.1

Now also with unique MSI® technology!

IMPRIMO® LC Splint comfort MSI® is the first biomimetic 3D printing resin for the generative manufacturing of hard-elastic orthodontic splints. MSI® splints display lower biofilm adhesion thanks to the unique MSI® technology. In addition, the material also possesses a thermal effect activated by body temperature, which guarantees maximum wearing comfort in the mouth.

What is MSI®?

MSI® technology powered by REMORA

MSI® stands for multi-species inhibition, a technology implemented in 3D printing materials and other dental products for the first time by pro3dure medical in cooperation with Unilever/Penrhos Bio. This cooperation was honoured in 2024 at the Scotland's Life Sciences Annual Awards.

Inspired by nature, in particular by furanones, a substance produced by the red algae Delisea, the MSI® technology inhibits the quorum sensing of bacteria. This biochemical language enables bacteria to communicate among themselves and to coordinate group behaviours such as the formation of biofilms. Interruption of these lines of communication can reduce bacterial infections without the development of bacterial resistance. This makes it possible to combat multi-species biofilms, such as those encountered in caries formation, effectively. As such, the MSI® technology represents the innovative step towards functional dental materials.

We recommend the following equipment for optimal curing:

Material / equipment	RS cure	Otoflash	CD2 / IMPRIMO® cure
IMPRIMO® LC Splint comfort	-	x	x
IMPRIMO® LC Splint comfort MSI®	x	x	x

PRO cure (RS)

IMPRIMO® cure

Any questions?
Simply scan the QR code or contact us directly.
You can find us at: **www.scheu-dental.com/en/contact**.

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