

Date: 2021-01-11

Replaces all previous technical bulletins with the same title

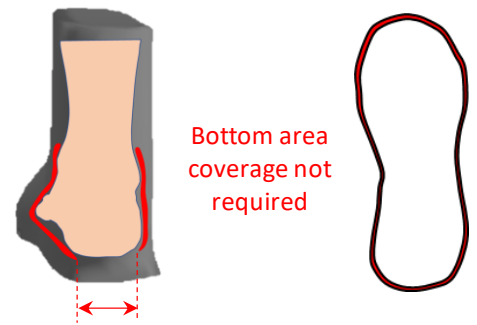
# Technical Bulletin - Footwear Application Method

**HEAT-MX™ material applied in the grey areas of the graphics below.**

## Upper - Minimum Requirements



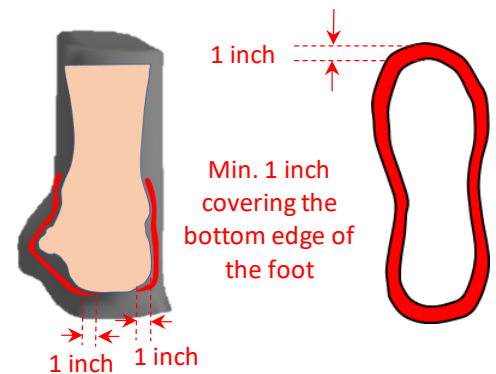
## Bottom - Minimum Requirement



## Upper - Recommended



## Bottom - Recommended

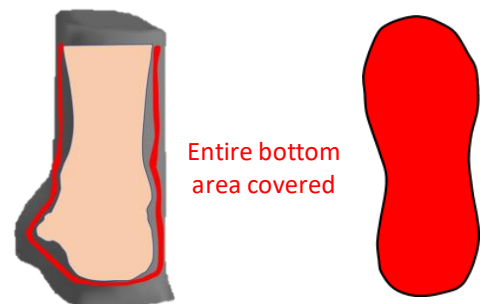


## Upper - High Performance



Entire upper area covered - Exceptions\* may apply depending on footwear construction, e.g., tongue area, etc.

## Bottom - High Performance



## Construction Guidelines\*

1. Stitching in seam lines is a suggested method of manufacturing. Bonding method may be applied, but must be limited in seam lines only. Avoid applying glue all over the material because it will have a negative impact on performance and breathability.
2. Lamination with lining or exterior fabric using press not recommended because it will have a negative impact on thermal efficiency. In particular, avoid heat-press.
3. Avoid extended period of heat-application over 90°C

Disclaimer: All information presented in this document is general guidelines. There may be deviations depending on footwear types, construction methods, etc. In case of deviations, please contact your sales representative of HEAT-MX for more details.