
Erratum to:
A Feasibility Study on Cold Spray Deposition on Ceramic Matrix Composites

This document provides a correction to the thesis *A Feasibility Study on Cold Spray Deposition on Ceramic Matrix Composites*, which was deposited in the TU Delft Repository on August 4, 2025. The thesis can be accessed at: <https://resolver.tudelft.nl/uuid:6d17aba8-2ecd-4e23-93e9-425cff384c11>.

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1 Typographical Error Appendix A

In Appendix A, the derivation of the model for the critical velocity contains an incorrect exponent in two equations:

- Equation A.12: exponent is written as -1/2 instead of 1/2.
- Equation A.21: exponent is written as -1/2 instead of 1/2.

The corrected equations are:

$$V_{i,p} = \left(\frac{m_s \cdot c_{V,s} \cdot (T_{f,s} - T_{i,s}) + m_p \cdot c_{V,p} \cdot (T_{f,p} - T_{i,p})}{\tau \cdot \frac{1}{2} \cdot m_p} \right)^{\frac{1}{2}} \quad (1)$$

and

$$V_{i,p} = \left[\frac{m_s c_{V,s} (T_{f,s} - T_{i,s}) + m_p c_{V,p} (T_{f,p} - T_{i,p})}{\frac{\tau m_p}{2} - \frac{\epsilon_p m_p}{2} \left[\left(\frac{f \cos(\varphi_2)}{\sin(\alpha)} \right)^2 + \left(\frac{2f \cos(\varphi_2)}{\sin(\alpha) \tan(\alpha)} \right) + (\tan(\alpha))^{-2} \right] - \frac{\epsilon_s m_s}{2} \left[\frac{f^2 (\cos(\varphi_2))^2 + 2f \cos(\varphi_2) + 1}{(\tan(\alpha))^2} \right]} \right]^{\frac{1}{2}} \quad (2)$$

The formula is correctly presented in the main body (Section 2.1.4, Equation 2.3). This typographical error in the appendix does not affect any calculations, results, or conclusions in the thesis.