

**Leistungserklärung Nr. LE-004.1.2-XPS-20.1**  
**Déclaration de performance Nr. LE-004.1.2-XPS-20.1**  
**Dichiarazione di prestazione nr. LE-004.1.2-XPS-20.1**

nach Artikel 8 der Bauproduktenverordnung (CH-BauPVO) SR 933.01  
selon l'article 8 du Règlement Produits de Construction (CH-BauPVO) SR 933.01  
secondo l'articolo 8 dell'Ordinanza sui prodotti da costruzione (CH-OProdC) RS 933.01

|   |                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Kenncode des Produkttyps<br><i>Code d'identification unique du produit type</i><br>Codice di identificazione unico del prodotto-tipo                                                                                                | swissporXPS Premium 300 SF / XPS-EN 13164-T1-FTCD1-DS(70,90)-DLT(2)5-CS(10Y)300-TR200-CC(2/1,5/50)130-WL(T)0,7-WD(V)2-MU80                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 2 | Typen-, Chargennummer<br><i>Numéro de type, de lot ou de série</i><br>Matricola, numero di lotto o di serie                                                                                                                         | Chargennummer: siehe Etikett<br><i>Numéro de lot: voir étiquette du produit</i><br>Numero di lotto: vedere l'etichetta del prodotto                                                                                                                                                                                                                                                                                                                                                                                                          |
| 3 | Verwendungszweck<br><i>Usages prévus du produit de construction</i><br>Uso previsto                                                                                                                                                 | Wärmedämmprodukt für Gebäude<br><i>Isolation thermique des bâtiments</i><br>Isolazione termica di edifici<br><u>Zusatzinformationen / Information supplémentaire / Informazioni aggiuntive:</u><br>Extrudierter Polystyrol-Hartschaum, glatte Oberfläche, mit allseitigem Stufenfalz<br><i>Polystyrène extrudé, surface lisse, avec battues sur les 4 côtés</i><br>Polistirene estruso, superficie liscia, con battuta a gradini su tutti i lati                                                                                             |
| 4 | Handelsname<br><i>Marque déposée</i><br>Denominazione commerciale<br><br>Kontaktanschrift des Herstellers<br><i>Nom et adresse de contact du fabricant</i><br>Nome e indirizzo del fabbricante                                      | swissporXPS Premium 300 SF<br><br>swisspor AG, Bahnhofstrasse 50, CH-6312 Steinhausen<br><i>swisspor Romandie SA, Chemin du Bugnon 100 - CP 60, CH-1618 Châtel-St-Denis</i>                                                                                                                                                                                                                                                                                                                                                                  |
| 5 | Kontaktanschrift des Bevollmächtigten<br><i>Nom et adresse de contact du mandataire</i><br>Nome e indirizzo del mandatario                                                                                                          | wie Nr. 4<br><i>voir point 4</i><br>vedere il punto 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 6 | System zur Bewertung und Überprüfung der Leistungsbeständigkeit<br><i>Le ou les systèmes d'évaluation et de vérification de la constance des performances</i><br>Sistema di valutazione e verifica della costanza della prestazione | System 3<br><i>Système 3</i><br>Sistema 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 7 | Harmonisierte Norm<br><i>Norme harmonisée</i><br>Norma armonizzata<br>Notifiziertes Prüflabor<br><i>Organisme Notifié</i><br>Organismo notificato                                                                                   | SN EN 13164:2012+A1:2015 Wärmedämmstoffe für Gebäude - Werkmässig hergestellte Produkte aus extrudiertem Polystyrolschaum (XPS) - Spezifikation<br><i>SN EN 13164:2012+A1:2015 Produits Isolants thermiques pour le bâtiment - Produits manufacturés en mousse de polystyrène extrudé (XPS) - Spécification</i><br>SN EN 13163:2012+A2:2016 Isolanti termici per edilizia - Prodotti di polistirene estruso (XPS) ottenuti in fabbrica - Specificazione<br>FIW München, Kennnummer 0751<br><i>FIW-München n°0751</i><br>FIW-München nr. 0751 |

| Erklärte Leistung / Performances déclarées / Prestazioni dichiarate                        |                                                                            |                                                                                                                                                                        |                                       |                                               |                                                                                                                                                       |       |       |       |       |       |       |       |                                                                                                                    |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|--------------------------------------------------------------------------------------------------------------------|
| Wesentliche Merkmale<br><i>Caractéristiques essentielles</i><br>Caratteristiche principali | Anforderung hEN 13164<br><i>Exigences hEN 13164</i><br>Requisiti hEN 13164 |                                                                                                                                                                        | Symbole<br><i>Symboles</i><br>Simboli | Einheit<br><i>unité</i><br>Unità              | Leistung<br><i>Performances</i><br>Prestazione                                                                                                        |       |       |       |       |       |       |       | Harmonisierte techn. Spezifikation<br><i>Spécification technique harmonisée</i><br>Specifiche tecniche armonizzate |
| 8<br>Wärmedurchlasswiderstand<br><i>Résistance thermique</i><br>Resistenza termica         | 4.2.1                                                                      | Wärmedurchlasswiderstand<br><i>Résistance thermique</i><br>Resistenza termica                                                                                          | $R_D$                                 | $m^2 \cdot K/W$                               | 2.50                                                                                                                                                  | 3.10  | 3.75  | 4.35  | 5.00  | 5.60  | 6.25  | 6.85  | EN<br>13164:2012+A1:2015                                                                                           |
|                                                                                            | 4.2.1                                                                      | Nennwert Wärmeleitfähigkeit<br><i>Conductivité thermique valeur utile</i><br>Valore nominale di conduttività termica                                                   | $\lambda_D$                           | $W/(m \cdot K)$                               | 0.032                                                                                                                                                 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 |                                                                                                                    |
|                                                                                            | 4.2.3                                                                      | Dicke<br><i>Épaisseur</i><br>Spessore                                                                                                                                  | $d_N$                                 | mm                                            | 80                                                                                                                                                    | 100   | 120   | 140   | 160   | 180   | 200   | 220   |                                                                                                                    |
|                                                                                            | 4.2.1                                                                      | Wärmedurchlasswiderstand<br><i>Résistance thermique</i><br>Resistenza termica                                                                                          | $R_D$                                 | $m^2 \cdot K/W$                               | 7.50                                                                                                                                                  | 8.10  | 8.75  | 9.35  | 10.00 | 10.60 | 11.25 |       |                                                                                                                    |
|                                                                                            | 4.2.1                                                                      | Nennwert Wärmeleitfähigkeit<br><i>Conductivité thermique valeur utile</i><br>Valore nominale di conduttività termica                                                   | $\lambda_D$                           | $W/(m \cdot K)$                               | 0.032                                                                                                                                                 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 |       |                                                                                                                    |
|                                                                                            | 4.2.3                                                                      | Dicke<br><i>Épaisseur</i><br>Spessore                                                                                                                                  | $d_N$                                 | mm                                            | 240                                                                                                                                                   | 260   | 280   | 300   | 320   | 340   | 360   |       |                                                                                                                    |
| Dicke<br><i>Épaisseur</i><br>Spessore                                                      | 4.2.3                                                                      | Grenzabmasse für die Dicke<br><i>limite pour l'épaisseur</i><br>Tolleranza sullo spessore                                                                              | T1                                    | mm                                            | <div> <div>&lt; 50 mm</div> <div>50 mm bis 120 mm</div> <div>&gt; 120 mm</div> </div> <div> <div>± 2</div> <div>-2/ +3</div> <div>-2/ +6</div> </div> |       |       |       |       |       |       |       | EN<br>13164:2012+A1:2015                                                                                           |
| Brandverhalten<br><i>Réaction au feu</i><br>Reazione al fuoco                              | 4.2.4                                                                      | Brandverhalten des in Verkehr gebrachten Produkts<br><i>Réaction au feu du produit tel que mis sur le marché</i><br>Reazione al fuoco del prodotto immesso sul mercato | RtF                                   | Euroklasse<br><i>Euroclasse</i><br>Euroclasse | E                                                                                                                                                     |       |       |       |       |       |       |       | EN 13501-1: 2010                                                                                                   |

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| 8 | Dauerhaftigkeit des Brandverhaltens unter Einfluss von Wärme, Witterung, Alterung/Abbau<br><i>Durabilité de la réaction au feu par rapport à l'exposition à la chaleur, aux intempéries, au vieillissement / à la dégradation</i><br>Durabilità della resistenza al fuoco in relazione all'esposizione a calore, intemperie, invecchiamento / deterioramento                | 4.2.5 | Eigenschaften der Dauerhaftigkeit<br><i>Caractéristiques de durabilité</i><br>Caratteristiche di durabilità                                                                | –                    | Euroklasse<br><i>Euroclasse</i><br>Euroclasse | Das Verhalten von Extrudierter Polystyrol-Hartschaum (XPS) bei Brandeinwirkung verschlechtert sich nicht mit der Zeit<br><i>La tenue au feu du polystyrène extrudé (XPS) ne se dégrade pas avec le temps</i><br>La resistenza al fuoco dei prodotti in polistirene estenso non si deteriora nel tempo                                                                                                 | EN<br>13164:2012+A1:2015 |
|   | Dauerhaftigkeit des Wärmedurchlasswiderstands unter Einfluss von Wärme, Witterung, Alterung/Abbau<br><i>Durabilité de la résistance thermique par rapport à l'exposition à la chaleur, aux intempéries, au vieillissement / à la dégradation</i><br>Durabilità della resistenza al fuoco in relazione all'esposizione a calore, intemperie, invecchiamento / deterioramento | 4.2.1 | Wärmedurchlasswiderstand und Wärmeleitfähigkeit<br><i>Résistance thermique et conductivité thermique</i><br>Resistenza e conduttività termica                              | $\lambda_D$<br>$d_N$ | W/(m*K)<br>mm                                 | Zeitliche Änderungen der Wärmeleitfähigkeit und der Dicke von XPS-Produkten sind in der Deklaration von $R_D$ enthalten.<br><i>Changements à long terme de la conductivité thermique et de l'épaisseur sont inclus dans la déclaration de <math>R_D</math>.</i><br>I cambiamenti a lungo termine della conduttività termica e dello spessore dei prodotti EPS sono inclusi nelle dichiarazioni di RD. |                          |
|   |                                                                                                                                                                                                                                                                                                                                                                             | 4.2.5 | Eigenschaften der Dauerhaftigkeit<br><i>Caractéristiques de durabilité</i><br>Caratteristiche di durabilità                                                                |                      |                                               |                                                                                                                                                                                                                                                                                                                                                                                                       |                          |
|   |                                                                                                                                                                                                                                                                                                                                                                             | 4.3.8 | Widerstand gegen Frost-Tau-Wechselbeanspruchung<br><i>Résistance aux effets du gel-dégel</i><br>Resistenza ai cicli di gelodisgelo                                         | FTCD                 | Vol. %                                        | ≤ 1                                                                                                                                                                                                                                                                                                                                                                                                   |                          |
|   | Dimensionsstabilität bei definierten Temperatur- und Feuchtebedingungen<br><i>Stabilité dimensionnelle dans des conditions de température et d'humidité spécifiées</i><br>Stabilità dimensionale in condizioni di temperatura e umidità definite                                                                                                                            | 4.3.2 | Änderung der Länge / Breite / Dicke<br><i>Changement de la longueur / largeur / épaisseur</i><br>Cambiamenti di lunghezza / larghezza / spessore                           | DS(70,90)            | %                                             | ≤ 5                                                                                                                                                                                                                                                                                                                                                                                                   |                          |
|   | Verformung bei definierter Druck- und Temperaturbeanspruchung<br><i>Déformation sous charge en compression et conditions de température spécifiées</i><br>Deformazione sotto carichi di compressione e temperatura definiti                                                                                                                                                 | 4.3.3 | Änderung der Dicke<br><i>Changement de l'épaisseur</i><br>Cambiamenti di spessore                                                                                          | DLT(2)               | %                                             | ≤ 5                                                                                                                                                                                                                                                                                                                                                                                                   |                          |
|   | Druckfestigkeit<br><i>Résistance à la compression</i><br>Resistenza alla compressione                                                                                                                                                                                                                                                                                       | 4.3.4 | Druckspannung oder Druckfestigkeit<br><i>Contrainte en compression ou résistance à la compression</i><br>Sollecitazione o resistenza alla compressione                     | CS<br>(10/Y)         | kPa                                           | ≥ 300                                                                                                                                                                                                                                                                                                                                                                                                 |                          |
|   | Zug-/Biegefestigkeit<br><i>Résistance à la traction/flexion</i><br>Resistenza alla trazione/flessione                                                                                                                                                                                                                                                                       | 4.3.5 | Zugfestigkeit senkrecht zur Plattenebene<br><i>Résistance à la traction perpendiculairement aux faces</i><br>Resistenza alla trazione perpendicolare al piano della lastra | TR                   | kPa                                           | ≥ 200                                                                                                                                                                                                                                                                                                                                                                                                 |                          |

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| 8 | Dauerhaftigkeit der Druckfestigkeit unter Einfluss von Alterung/Abbau<br><i>Durabilité de la résistance à la compression par rapport au vieillissement/à la dégradation</i><br>Durabilità della resistenza alla compressione in relazione a invecchiamento / deterioramento                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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|   | Wasserdurchlässigkeit<br><i>Perméabilité à l'eau</i><br>Permeabilità all'acqua                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     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|   | Wasserdampfdurchlässigkeit<br><i>Perméabilité à la vapeur d'eau</i><br>Permeabilità al vapore acqueo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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|   | Freisetzung gefährlicher Stoffe, Abgabe in das Gebäudeinnere<br><i>Émission de substances dangereuses à l'intérieur des bâtiments</i><br>Emissione di sostanze pericolose                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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|   | Glimmverhalten<br><i>Combustion avec incandescence continue</i><br>Combustione ad incandescenza continua                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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|   | <p>Die Leistung des vorstehenden Produkts entspricht der erklärten Leistung / den erklärten Leistungen. Für die Erstellung der Leistungserklärung im Einklang mit den einschlägigen Rechtsvorschriften ist alleine die oben genannte Herstellerin verantwortlich.</p> <p><i>Les performances du produit identifié ci-dessus sont conformes aux performances déclarées. Conformément aux dispositions légales pertinentes, la présente déclaration des performances est établie sous la seule responsabilité du fabricant mentionné ci-dessus.</i></p> <p>Le prestazioni del prodotto indicato corrispondono alle prestazioni dichiarate. Il produttore summenzionato è da ritenersi l'unico responsabile della presente dichiarazione di prestazione, redatta in conformità alle disposizioni legali pertinenti.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              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| 9 | <p>Unterzeichnet für den Hersteller und im Namen des Herstellers von / <i>Signé par le fabricant et en son nom par</i> / Firmato a nome e per conto del produttore da:</p> <p>Marco Dalla Bona, Geschäftsführer swisspor AG 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