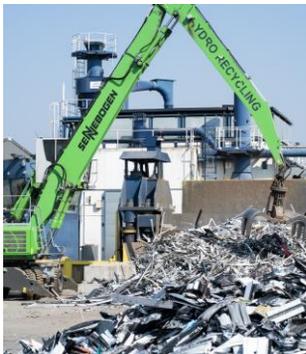


sapa:

By  Hydro

EPD

ENVIRONMENTAL PRODUCT DECLARATION



L'approvisionnement aluminium bâtiment 6060 des gammes SAPA est composé de profilés en aluminium recyclé Hydro CIRCAL 75R, sur les gammes suivantes :

- Fenêtres, Portes et coulissants Performance 70 (se référer aux références ci-après)
- Façade Elegance 52
- Coulissant à levage Confort Smartline

Cet aluminium garantit une empreinte carbone maximale à 1,9 Kg de CO₂ e/Kg d'aluminium, vérifié par une DNV et certifié par un EPD (Environmental Product Declaration)

sapa:

By  Hydro



Références des Profils Performance 70 en aluminium recyclé et bas carbone CIRCAL 75R

REF	Désignation	Série
SP21268	Traverse épaulée 26-28mm	P70CL
SP21270	Montant lateral renforce 26-28	P70CL
SP21271	Montant lateral renforce 26-28	P70CL
SP21275	Montant central 26-28mm	P70CL
SP21276	Montant central renf.26-28mm	P70CL
SP22052	Dormant 2 rails BTC+recup.eau	P70CL
SP22054	Dormant 2 rails BTC	P70CL
SP22064	Dormant 3 rails BTC	P70CL
SGC0317	Parclose 17.5 mm	P70EC
SGC0322	Parclose 22.5 mm	P70EC
SGC0327	Parclose 27.5 mm	P70EC

REF	Désignation	Série
SF7K203	Dormant ht 70mm	P70FP
SF7K271	Dormant 70mm 2gat	P70FP
SF7T001	Traverse 72mm	P70FP
SF7T003	Traverse 92mm	P70FP
SP22140	Ouvrant arrondi 67mm	P70FP
SP22143	Ouvrant droit 67mm	P70FP
SP24800	Dormant 70mm btc porte GTI	P70GT
SP24806	Ouvrant Z 70mm porte GTI	P70GT
SP24808	Ouvrant T 70mm porte GTI	P70GT
SP24845	Profil dormant 2gat 52mm	P70GT
SP28319	Dormant drainage visible 2gat	P70OC+
SP28352	Ouvrant droit 28mm	P70OC+



DNV-GL

VERIFICATION STATEMENT

Statement no.: 250232-2017-OTH-NOR Valid from: 21.11.2017 Valid to: 31.12.2018

Hydro Aluminium AS

DNV GL Business Assurance AS (DNV GL) was commissioned by Hydro Aluminium AS (Hydro) to provide a reasonable assurance third-party verification of the claim made under Hydro's 75R product line. The 75R claim secures that a minimum of 75% end-of-life (or post-consumer) aluminium is contained in each production batch under this product line.

The verification was conducted under the requirements of Hydro's developed Standard Operating Procedure (SOP) for the 75R product line.

The verification was conducted in the period from week 44 to week 47 2017. The verification has undertaken the following approach:

- Confirmation of organizational boundaries
- Document review, including review of SOP and audit of key personnel to confirm sufficient implementation of the SOP
- Traceability and segregation of end-of-life aluminium in the supply chain within the scope of the 75R related production
- Review of calculation methods to confirm an accurate calculation of minimum of 75% end-of-life aluminium in production batch is attainable
- Interviews with key personnel

To maintain the validity of this verification statement, DNV GL shall conduct two additional audits in 2018.

In our opinion, the procedure undertaken in the 75R product line follow a good industry practice and the claim made under the Hydro 75R product line is fairly stated. We believe that 75R product line contain a minimum of 75% end-of-life aluminium.

Place and date: Hovik, November 21, 2017
DNV GL BUSINESS ASSURANCE NORWAY AS

Lars Erik Mangelset
Senior Consultant

Rajind-Gun Khawaja
Lead auditor and Technical reviewer

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The Norwegian EPD Foundation

ENVIRONMENTAL PRODUCT DECLARATION

In accordance with ISO 14020, ISO 21930 and EN 15924

Owner of the declaration: Program operator: Publisher: Declaration number: Registration number: EPD Platform reference number: Issue date: Valid to:	Hydro Aluminium AS The Norwegian EPD Foundation The Norwegian EPD Foundation NEPD-1041-766-EN NEPD-1041-766-EN - 05.05.2019 05.05.2024
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Hydro 75R Aluminium Extrusion Ingot

Hydro Aluminium AS

www.epd-norge.no