

VULCA WASHER - GALVANIZED STEEL / ALUMINIUM / STAINLESS STEEL



PRODUCT DEFINITION

- VULCA washer made up of metal part and vulcanized EPDM part glued on the underside.
- For mounting under screw head.

SCOPE OF APPLICATION

- Provides waterproofing for roofing and cladding.

MATERIAL & FINISH

Material:

- Galvanized steel washer:
DX51D steel - 1.0917 according to NF EN 10346 + EPDM (Ethylene Propylene Diene Monomer)
- Aluminium washer:
3004 H26 aluminium alloy - EN AW-3004 H26 according to NF EN 485-1 + EPDM (Ethylene Propylene Diene Monomer)
- Stainless steel washer A2:
Austenitic stainless steel A2 (AISI 304) - 1.4301 according to NF EN 10088 + EPDM (Ethylene Propylene Diene Monomer)
- Stainless steel washer A4:
Austenitic stainless steel A4 (AISI 316) - 1.4401 according to NF EN 10088 + EPDM (Ethylene Propylene Diene Monomer)

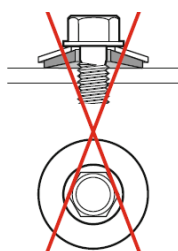
Coating:

- Galvanized steel washer:
Z275 galvanizing - Thickness $\geq 20 \mu\text{m}$ according to NF EN 10346.

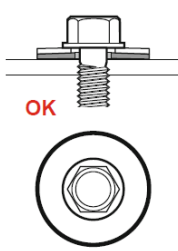
INSTALLATION

Suitable machines allowed:

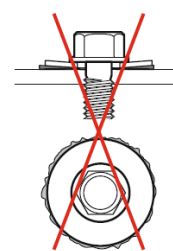
- Only power screwdrivers fitted with an adjustment mechanism allowing control over tightness using a depth stop or torque limiter are allowed for use in roofing and cladding assembly work (steel or aluminium covering sheets, corrugated sheets, fibre-cement).



Not tight enough



Properly tight



Too tight

⚠ Machines not allowed:

- Bolting machines, impact wrenches, impact screwdrivers, ... are not suited to roofing and cladding assembly work.

Associated Products:

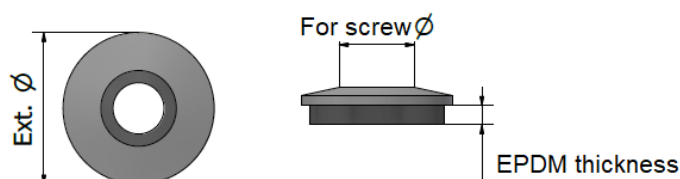
- All VULCA washer assemblies with fastener diameters are listed in our booklets and catalogs.

PERFORMANCES

Mechanical properties of EPDM:

- Hardness:**
70 shore A.

DIMENSIONS & CODES



Exterior Ø (mm)	For screws Ø (mm)	EPDM thickness (mm)	Galvanized	Aluminium	Stainless steel A2	Stainless steel A4
			Code	Code	Code	Code
10	4,8 - 5,5	2,0	-	-	299 428	-
11	6,3 - 6,5	2,0	-	299 417	-	-
12	5,5	2,0	-	-	-	299 472
14	4,8 - 5,5	1,7	-	299 438	299 433	-
14	4,8 - 5,5	2,0	299 425	-	-	299 950
14	6,3 - 6,5	2,0	299 647	605 008	299 658	-
16	4,8 - 5,5	2,0	299 509	299 522	299 515	299 952
16	6,3 - 6,5	2,0	299 650	299 670	299 660	-
19	5,5	2,0	299 504	-	-	-
19	5,5	3,0	-	299 526	605 009	-
19	6,3 - 6,5	2,0	299 680	299 700	299 830	-
19	6,3 - 6,5	3,0	-	-	605 010	299 954
19	8,0	2,0	299 690	299 710	299 840	-
25	4,5	2,0	299 905	-	-	-
25	5,5	2,0	299 533	-	-	-
25	5,5	3,0	-	299 702	-	-
25	6,3 - 6,5	2,0	299 910	299 730	299 850	-
25	8,0	2,0	299 920	299 740	299 860	-

CONFORMITY

- Refer to the rules for implementation recommended in DTU 40.35 and 40.36.
- Refer to the rules for implementation recommended in the RAGE rules: Protected steel and stainless-steel cladding.

MARKING & LABELLING

- On packaging: VULCA WASHER + MATERIAL + EXTERNAL Ø + SCREW Ø + CODE.

QUALITY CONTROL

- ISO 9001 certified quality management system according to the certificate in force.

NOTA

These products are intended for professional installers landlords whose the related service includes supply and installation. In accordance with rules and normative regulation, it's their responsibility to check that the use of these products is in conformity to themselves needs and their customers. They have to insure as well the adequacy of this material with their real operating conditions. The company excludes any guarantee for the use that does not respect these conditions. His responsibility is limited to the strict compliance with the specifications stipulated on the customer's purchase order. The guarantee is limited to the replacement of defective parts acknowledged by the Company's technical service, without workforce costs and travel expenses. It excludes material damage or physical injury and others direct or indirect damages, material or immaterial, which may result from defective parts including installation that not complying with the use for which they are designed and produced.

Registration date: 2022/07/05 – Revision C

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