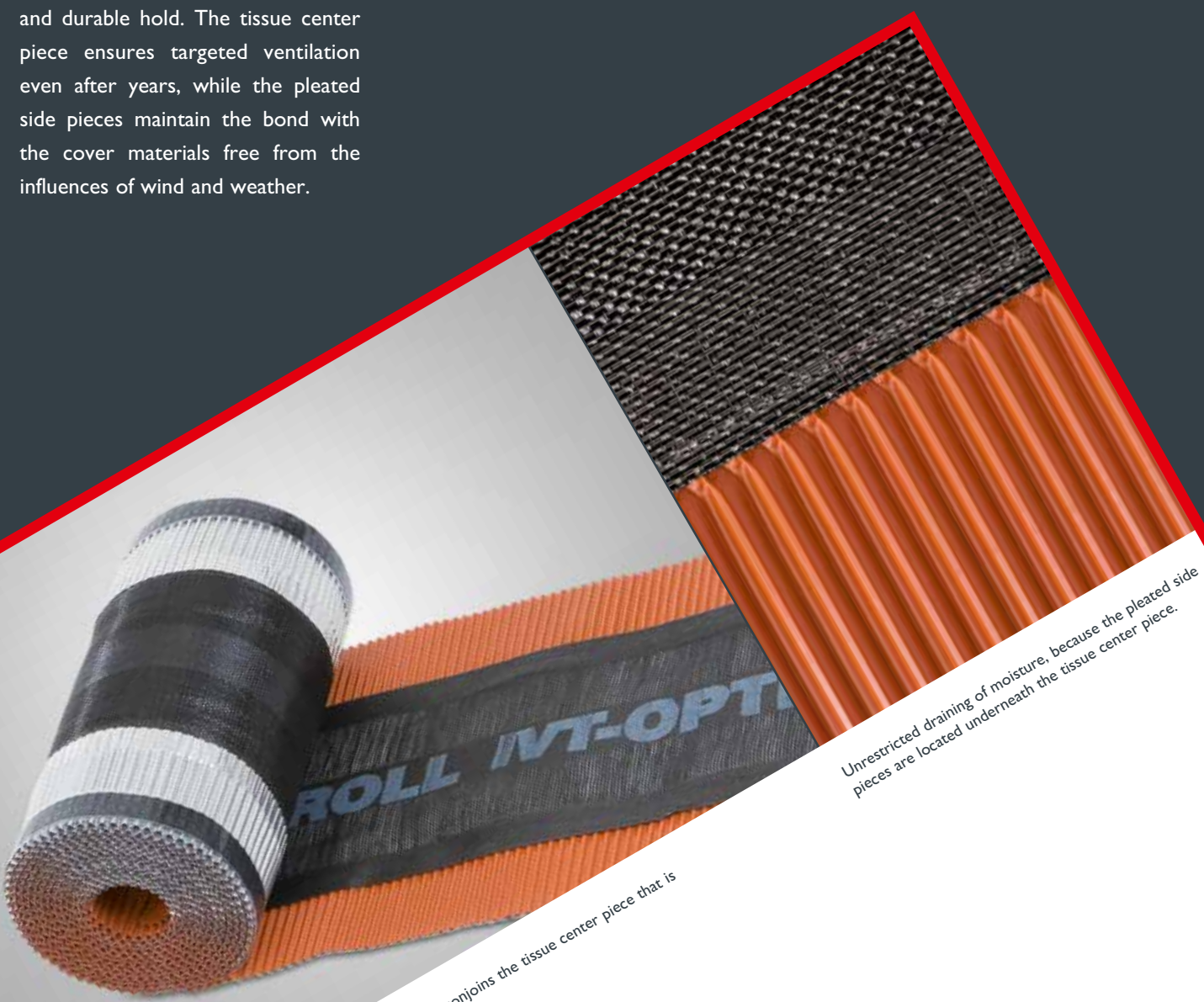


Opti-Duo-Roll

Ridge and arris ventilation roll –
optimal material combination and durable function

The Opti-Duo Roll combines simple processing, optimal function and durable hold. The tissue center piece ensures targeted ventilation even after years, while the pleated side pieces maintain the bond with the cover materials free from the influences of wind and weather.



Unrestricted draining of moisture, because the pleated side pieces are located underneath the tissue center piece.

No seams, no perforations, no weak spots! A high-tech adhesive bond conjoins the tissue center piece that is active in ventilation to the stable side pieces of foil-supported aluminum.

ivt
EINFACH GUT!

Opti-Duo-Roll



Owing to its optimal material elongation the pleated side pieces will adjust perfectly to any roof design.



Also available as Opti-Copper Roll with side pieces of high-quality copper material.

● Design

Well balanced, durable material combination. The Opti-Duo Roll assigns the ideal material to each function. A high-tech adhesive with additional mechanical fixation permanently conjoins the tissue center piece, which is active in the ventilation, to the pleated side pieces of painted and foil-supported aluminum. The water-insoluble adhesive bond is resistant to all temperature ranges of the roof. In gluing the aluminum on the bottom side to the tissue center piece, the unrestricted draining of moisture is ensured. As protection against weather effects the Opti-Duo Roll is sealed with lacquer coats that are resistant to weather and UV radiation and which can be perfectly matched to the roof cover in color.

● Function

Permanent ventilation according to DIN 4108, Part 3. Due to the optimized structure of the special tissue center piece, the ventilation according to DIN 4108 Part 3 (150cm² for 10m-long rafters) is not just guaranteed – it is even surpassed. Because dust particles and other deposits cannot clog up the tissue, the ventilation will also be ensured even after several years. Moreover, the tissue center piece prevents penetration of moisture and fine snow. The painted aluminum side pieces as well resist weather influences for many years. The special pleated side pieces convince by their trueness to shape after laying, molding and gluing. Reset forces are eliminated, the bond remains intact.

● Installation

Assembler-friendly flexibility. Due to the flexibility of the metal-foil tissue bond, rolling out and forming is very easy. The rolled out Opti-Duo Roll is simply fixed in the center on the ridge rafter with nails or staplers. Then the pleated side pieces are pressed into the wave-throughs and fastened. The unique glue coating of the Opti-Duo Roll is the guarantee for a permanent bond with the cover material. The specially developed butyl glue even permits loosening and renewed fastening of the roll without its adhesive effect being reduced. Because of the strong pleating, there is a sufficient material reserve available even for extreme wave-throughs and depressions in the roofing in order to professionally design tight transitions. Most of all in the area of the arris does the strong pleating make roofing easier.

● Technical data

Basic material:	high-quality aluminum with burn-in lacquering, UV-stable and weather-resistant, supported by foil on the backside
Ventilation width:	195 cm ² /m
Roll length:	5 m
Roll widths*:	240 mm, 310 mm, 360 mm, 400 mm und 460 mm
Colors:	black, red, brown, chestnut

We expressly reserve technical changes serving product improvement.

*Widths of the areas of use:
240 mm – for crown tiles and small-size

saddle stones/roof tiles
from 300 mm – for most common saddle stones/roof tiles
from 400 mm – for saddle stones/roof tiles with a pronounced wave-through form and arris sealing

Your IVT expert dealer:



Visit us on
the internet:
www.ivt.de

IVT – Industrie Vertrieb Technik GmbH & Co. KG

August-Borsig-Straße 30 · 59439 Holzwickede (Germany)
Phone: +49 2301 91011-0 · Fax: +49 2301 91011-24
info@ivt.de · www.ivt.de

