



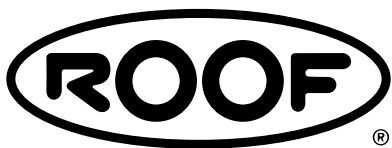
**GUIDE D'UTILISATION ET D'ENTRETIEN
DE VOTRE CASQUE ROOF RO31 DESMO**

**HOW TO USE AND MAINTAIN YOUR
ROOF RO31 DESMO HELMET PROPERLY**

**ANLEITUNG ZUR BENUTZUNG UND WARTUNG
IHRES HELMES ROOF RO31 DESMO**

**GUIDA D'USO E MANUTENZIONE
DEL CASCO ROOF RO31 DESMO**

**GUIA DE UTILIZACION Y MANTENIMIENTO
DE SU CASCO ROOF RO31 DESMO**



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*This is your ROOF **DESMO** helmet and we thank you for the trust that you have in our product.*

WARNING

This helmet and its screen are in line with the European standard in force at the time of their manufacture. The European brand, the registration number and the series number are on the white label that is sewn on the chinstrap. In the case of the screen, the make and the registration number appear above, on the side. There are certain risks attached to driving a motorcycle, and a helmet will never be able to offer your head full protection against shocks. The first and most important form of protection is the biker himself: always ride within your limits and in a way that is safe and reasonable. Don't forget that your ability to recognise external sounds (traffic etc...) shall be reduced by the wearing of a helmet. Always keep your motorcycle and equipment in good condition.

For maximum protection, the helmet must be perfectly adapted to the head and tied under the chin firmly, to minimise the risk of serious injury – even death. A helmet is designed to absorb a single shock. Do not continue using a helmet that has seen a shock in its past. The shock might have caused partial destruction of the hull and it will always have altered the damping qualities of the upholstery more or less. With this the helmet must be replaced, even if it shows no visible signs of damage.

Please read these instructions carefully and adhere to all the points contained therein: it constitutes important information which will help you to have maximum protection and comfortable use of your helmet.

THE DESMO IS NO ORDINARY HELMET!

CHOOSING A HELMET THAT FITS WELL

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In order that you may benefit from maximum security, the helmet must be well adapted to the size of your head. Put on the headphones, and hold it firmly with both hands, you will be incapable of turning your head at all, in any direction, within the helmet. If you are able to turn your head easily, then the helmet is too big. If the helmet exerts too much pressure on your head, then it is probably too small and there is the risk of headaches and your concentration being impaired. Once the chinstrap is tightened, you should not be tilting your head within the helmet. Ask your ROOF helmets dealer for advice: they should be able to help you find the helmet that fits your head perfectly.



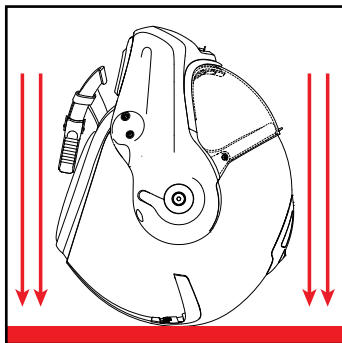
SIZES

XS	S	SM	M	L	XL	XXL
54cm	56cm	57cm	58cm	60cm	61cm	63cm

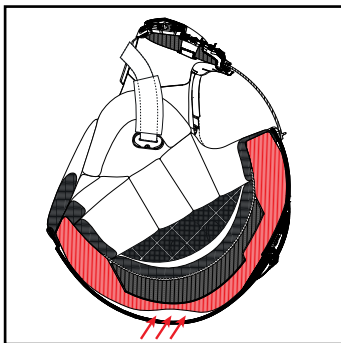
A FEW TIPS

Before setting off, always ensure that your helmet fits properly and that it is in perfect working water. Take driving lessons and avoid using the road if you are tired or under the influence of alcohol or drugs. Do not make modifications to your helmet or attach anything to it. Do not paint your helmet as this may damage it; if you decide to paint it regardless, use only paints which dry by evaporation. Check that your screen is clean and free of scratches. Never go on the road with your helmet hanging on a hook. Don't let your helmet be exposed to excessively high temperatures (e.g.: near heating devices or to sunlight behind a car windshield). Never buy a second helmet – you never know whether it has already seen a real shock in its past. Never let another person use your helmet, because with this there will be the risk of it no longer being able to fit your head properly.

Your helmet is designed to absorb a single shock: the outer shell effectively distributes the force of the impact across the full surface of the helmet (see A). The quality of the finishing of ROOF helmets is such that it is impossible to know whether or not it has absorbed a shock: it does not show any visible markings. The padding of the ROOF DESMO helmet inside of the shell is composed of damping materials of progressive density. This padding layer alters dramatically during and after a collision (see B), but the damage that it suffers is barely visible as it is sandwiched between the shell and the comfort padding. For these reasons, all helmets that have known any major impact (even if the effects are invisible to the naked eye) must be replaced.



A



B

POSITION OF USE

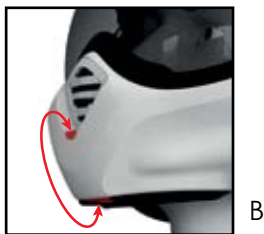
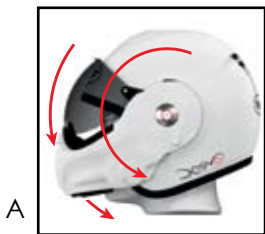
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The DESMO helmet belongs to the family of modular helmets. It is approved by the European Standard E22-05 and is in the Integral class when the chinstrap is closed and in the Jet class when it is open. In the Jet position, the chin guard must be placed in the rear abutment. For your security, ROOF recommends that a DESMO helmet be worn in the Integral position. The chinstrap joint is equipped with an anti-loosening device (red ring). It is not worth lubricating the joint or gripping it tightly.



LOCKING THE CHINBAR

The chinbar is locked in the Integral position with the aid of two automatic locks that are located on each side of it. To lock your chinbar, fold it there up until the visible outbreak of the mechanism (see A). To unlock your chinbar, simultaneously press the two buttons (lower and upper) located on its front. Then, move the chinbar backward (see B).



THE CHINSTRAP MUST BE CLOSED WHEN YOU ARE ON THE ROAD!

HOW TO USE THE ROOF MICROMETRICAL CHINSTRAP

Correct tension of the strap is essential for your security: it will prevent loosening risks in the case of an accident. Incorrect adjustment or misuse of the micrometric buckle can result in loss of the helmet, with grave consequences to your health and even your life.

CLOSING / OPENING

The chinstrap should be snug yet comfortable. Close the chinstrap by inserting the toothed portion in the red buckle. Press the toothed portion until the chinstrap is stretched. For optimal closure, ensure that the toothed portion is inserted at least 5 teeth into the clasp.

If the chinstrap clamps you excessively or, on the contrary, the helmet has a tendency to become unsettled, it is necessary to perform a pre-setting of the flexible strand of the chinstrap.

To open the chinstrap, pull the strap in order to lift the red part of the clasp and remove the toothed portion (see opposite).



ADJUSTMENT OF THE FLEXIBLE STRAND OF THE CHINSTRAP

Remove the helmet. Slide the flexible strand of the chinstrap through the loop components to lengthen or shorten it. Repeat this operation until the toothed portion optimally closes in the red shutter.

INSPECTION AND MAINTENANCE

In order to ensure the proper functioning of the micrometric buckle, it is important to check that the red part rotates freely between its open position and its closed position, with its spring mechanism. Sometimes salt and sand block the clasp when it is not properly maintained. So don't forget to clean and oil the mechanism regularly. Then check again that the chinstrap is properly adjusted before setting off.

! WARNING !

EXTERNAL

Only clean your helmet using warm water and mild soap. Never use petrol, thinner, benzine or other solvents, as these products risk damaging the parts of the helmet and abolishing its impact protection properties.

INTERIOR

When your headset is removed, do not do anything with the EPS liner; do not wash it or apply any solvents. You might be questioning its damping qualities.

The DESMO helmet has an internal comfort system which can be fully removed. The elements consisting of fabric (only) can be washed. Use a mild soap, rinse it abundantly, and do not let it dry near a heat source (e.g. a radiator).

COMFORT CHEEKS

COMFORT CHEEKS EXCHANGE

You can adjust the comfort of the helmet to your head: get cheeks of different sizes from your dealer.

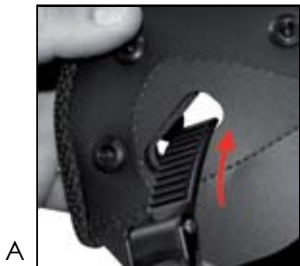
REMOVAL OF COMFORT CHEEKS

Open the chinstrap, then pull the top of the cheek towards the interior of the helmet to unclip the three pressures (see opposite). Then slide the cheek along the strap to remove it.



ASSEMBLY OF THE COMFORT CHEEKS

Insert the chinstrap and its protective leather and fabric (don't let it get twisted) into the course of the cheek (see A), then slide the plastic backing plate between the shock absorbing cap and the shell (see B). Then reclip the three pressures.



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COMFORT CAP

REMOVAL OF COMFORT CAP

Grasp the pressure points behind the lining between the thumb and the forefinger then remove the back of the cap (see C). Then lift the front of the cap carefully then pull on it at the level of the location of the clips so that the four clips can be removed easily from the frontal fixation (see D).



REPLACING THE COMFORT CAP

Grasp the four clips of the frontal fixation, position the lining at the bottom of the shock absorbing cap and grasp the two pressure buttons behind the lining. Finally, slide the 4 plastic straps between the shock absorbing cap and the shell (see opposite).



COMFORT HEADBAND

REMOVAL OF COMFORT HEADBAND

Slide the two ends of the strip into the slots that are located on the comfort cheeks maintenance plates. Spread and pull on the two ends of the strip in order to free it (see opposite). Then pull on the strip to remove it from its slot between the shell and shock absorbing cap.



ASSEMBLY OF THE COMFORT HEADBAND

Position the strip centrally (in connection with the shell) then slide the plastic part of the strip between the shock absorbing cap and the shell (see opposite). Press the strip firmly at the bottom of the slot (until you cannot see the seam any more) by applying pressure using your thumbs. Then slide the ends of the strip into the notches that are located on comfort cheeks maintenance plates.



FITTING THE WINDBREAKER BIB

Slide (1) the central part of the bib underneath the red button. Then grasp (2) the bib on each side and slide it between the chinstrap and the bib support, as indicated on the illustration visible opposite. Ensure that the bib is properly locked right and left.

**REMOVING THE WINDBREAKER BIB**

Unlock the bib on each side by pulling on the ends of the plastic part. Pinch the flap between your thumb and index finger at the seam (see opposite) then pull on it.



The DESMO is equipped with an upper-level air intake and two air outlets which are located on the back of the helmet. The rear outputs allow for air decompression (the Venturi effect). In the open position, fresh air enters through the top of the helmet for diffuse ventilation, and hot and humid air escapes through the outlets that are located on the back. To allow for ventilation it is necessary to open the air intake as well as the outlets; conversely, you close the air intake and outlets to prevent ventilation.

OPENING AND CLOSING OF THE UPPER AIR INTAKE

To open it, press on at least one of the two flaps (see A). To close it, push the button at the back of the helmet so you can take out the two flaps (see B).

**A****B**

OPENING AND CLOSING OF THE REAR AIR OUTLETS

To open, slide the buttons down.
To close, slide the buttons back up
(see opposite).



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FACIAL AIR INTAKES

The chinbar of the DESMO helmet comes equipped with two flaps allowing for distinct regulation of the facial ventilation and the defogging of the screen.

OPENING AND CLOSING OF DEMISTING FLAP

The top flap of the facial air intake system allows for rapid and efficient defogging of the screen. To open it, move the cursor up. Once it is opened, the flap will allow air to enter directly into a deflector, which will redirect the flow of fresh air to the inside of the screen for instant defogging. To close this flap, move the cursor down.



OPENING AND CLOSING OF THE FACIAL VENTILATION FLAP

The lower flap of the facial air intake allows for the ventilation of the face. To open it, move the cursor down.
To close the flap, move the cursor up.

! WARNING !

The DESMO mechanism is a special one; it is essential to follow these instructions and to use the DESMO Tool provided with the helmet to disassemble and re-assemble its screen. (However, loss of the DESMO tool does not prevent the assembly of the mechanism. Go to www.roof.fr, assembly/disassembly instruction videos are there for you.)

PHASE 1: When you put your helmet on a soft and stable surface, it is essential to open the chinbar to the Jet position. Then unscrew the 2 screws using the hex wrench (4mm) included on the ROOF key-chain.



PHASE 2: Separate the two ends of the chinbar to release it from the plates that are attached to the shell. Position your chinbar next to your helmet, on a soft and stable surface.



PHASE 3: Using the thin end of the ROOF key-chain, unclip the cam mechanism by performing a lever arm movement (to the right and left). Make sure that it doesn't come into contact with the shell.



PHASE 4: Grab the whole screen mechanism on the right and left, then remove the assembly in the directions of the exteriors to free the screen and its mechanism from the plates that are fixed on the shell.



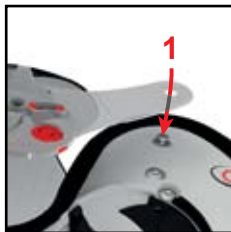
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With your screen now removed, you can clean it before putting it back on your helmet or change a screen accessory. If you are going to clean your screen, it is essential to follow the recommendations on page 15. If mounting a screen accessory, please place your original screen in the plastic cover of your new screen so as to limit all scratch risks, then follow the procedure.

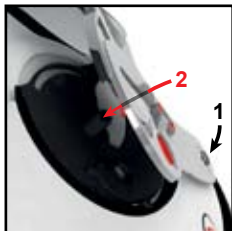
PHASE 5: To replace a screen on your helmet, fix the DESMO tool on the right / left screen mechanisms. This specific tool, composed of two symmetrical parts, will allow for a simple and intuitive assembly. Position the two parts of the tool on your screen as shown in the illustration opposite. Ensure that the mechanism is locked by the 4 clips which are indicated by red arrows in the illustration.



PHASE 6: Clip the two lower parts of the DESMO tool on the locking pins (1) that are located on each side of the shell.



PHASE 7: Slide the two parts of the tool on the axes of the plates (2) that are fixed on each side of the shell.



PHASE 8: Use your thumb to apply a fair amount of pressure at the position indicated (3) so as to fix the cam mechanism on each side of the shell. There is significant noise with the proper fixing of the mechanism.



PHASE 9: Your screen is now in position and the mechanism is properly secured. Remove the two parts of the DESMO tool by sliding your index into the groove provided for this purpose and pulling outward. Then remove the DESMO tool from the locking pins (1) located on each side of the shell. Your screen is now lowered into the Jet position.



PHASE 10: Without rotating the screen or the cam mechanism, engage the chinbar on the axes of the plates (2) fixed on each side of the shell. Warning **the chinbar absolutely must be fixed in a vertical position** (see opposite). Then tighten the chinbar to the right and the left, without forcing too much.



Ensure that the operation of your DESMO helmet is identical to the same as what it was prior to your assembly; if it isn't, repeat the procedure. You will find videos dedicated to helping you with the assembly/disassembly of your helmet on the site www.roof.fr

If this operation is correct, then your helmet is ready – have good trip!

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CLEANING THE SCREEN

It is important to maintain good visibility as far as your screen is concerned. If the screen is scratched, replace it; especially if you are going to be driving at night. Tinted screens are explicitly only for day use; they should never be used at night or in poor visibility. This screen is made of polycarbonate: never use alcohol, solvents or hydrocarbons to clean the windows. Do not apply any varnish or adhesives. All these products can result in deterioration of the physical and optical qualities of this screen. Treat the screen gently, especially when you clean it, so that its anti-scratch and anti-fog measures will remain effective. Clean it only with clean water then use a soft cloth to wipe it gently. For optimum operation of the anti-fog mechanism, regular cleaning is advised.

! WARNING !

In the interest of your security, refrain from making manipulations to your helmet when you are riding.

We remind you that ROOF recommends that DESMO be used in the Integral position.

ROOF advises you to ensure good safekeeping of this user guide.

For all additional information, go to the brand's official website:

www.roof.fr

There are explanation videos waiting for you there!

- Legal guarantee:

The end client benefits from the legal guarantee for hidden defects and faults under the conditions that are prescribed by the law.

- Contractual guarantee:

The ROOF company acknowledges a three-year warranty with the product, starting on the date when it is sold to the end client. If the helmet is returned there must be attached a copy of the invoice, which must be stamped by the dealer. The product sold to the end customer is acknowledged as of merchantable quality and free from manufacturing and other defects.

However, it is acknowledged that the product must be used normally, in compliance with the terms and conditions of this instruction manual.

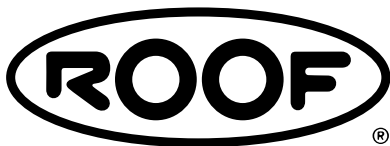
The end client must notify the ROOF company of any fault with the product within five working days after it has been delivered.

The product warranty shall be limited to replacement of it for free or the supply of parts found to be defective.

The ROOF company draws the attention of the distributor and the end client to the fact that it accepts no responsibility in the following cases:

- Normal wear and tear, impact, misuse, deterioration or accidents caused by negligence (lack of supervision, maintenance or use) or any kind of modification performed with the product.
- Repairs, changes or use that are outside the boundaries of the specifications of the ROOF company.
- Damage caused to persons or property resulting from the use of the product.
- Use of the helmet in a territory that is not subject to currently valid European norms.

Under any circumstances, the ROOF company shall not be liable for any indirect and / or intangible damages, or any fees, costs or losses (even if the ROOF is aware of their existence) privy to usage of the product. We recommend that you fill in the last page of this booklet supplied by your ROOF dealer and to ensure good safekeeping of it with your invoice which will be demanded should you return it.



Cachet du revendeur - Retailer seal - Händlerstempel -
Commerciante sigillo - Sello comercial

A large, empty rectangular box with a black border, intended for a retailer seal or stamp.

Date de vente - Sale date - Verkaufsdatum - Data di vendita -
Fecha de compra

A smaller, empty rectangular box with a black border, intended for the date of sale or purchase.

RO31-PK-03000-00-A1

www.roof.fr



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