

# Attic staircases and flat-roof hatches







### Safe step up

















# Maximum comfort, optimum use of space and the highest safety standards.





Robert Wipplinger



TU Graz Prüfbericht Nr. B16.023.001.111











- for more than 60 years.

Klimatec 160
Passive House Institute
Dr. Wolfgang Feist
64283 Darmstadt
Germany



Class 4 Test No.: 12-001746-PR03



**ÜA Nummer:** R-14.1.3-15-14763 R-14.1.3-15-14885

ÖNORM EN 1363 ÖNORM EN 1634 ÖNORM B3860





Miphinger Robert

#### Wippro attic staircases are...

The wishes of our customers as well as constantly growing technical requirements are our motivation and our mission for the production of high-quality attic staircases

In order to be able to rely on the high quality standards of our products even in such important quality criteria as fire retardancy or thermal insulation, our attic staircases

are continuously tested and certified by independent institutes.

- tested and monitored by independent test institutes according to ÖNORM EN 1363, ÖNORM EN 1634 and ÖNORM B3860.
- marked with the ÜA seal by independent testing institutes.
- · registered and recognized in the Austrian list of building materials.

 Klassifikation:
 Type:

 EI,30
 GM4 Isotec Luxe 200

 EI,60
 GM4 Isotec 200

 EI,90-C
 GM4 Isotec

 EI,30
 GM4 Isotec

 EI,30
 GM4 Isotec Luxe

 EI,30
 Klimatec 160

 EI,30
 GM4 Eurostep







# Wippro attic staircases

### Quality "Made in Austria"



OVER OVER VEARS VEARS

- Technically sophisticated
- Purposefully built
- Easy and convenient to use
- Durable, robust and stable
- Safe and functional
- Fire-retardant and heat-insulating
- As good as maintenance-free

- Solid accessories
- Airtight closure
- Many individual designs
- Telescopic spring support in the handrail
- Ball-bearing closing mechanism
- Pre-assembled
- User- and assembly-friendly



**Successful blower-door test** while using a Wippro air seal set and correct assembly (on certain models)



El<sub>2</sub>30 to El<sub>2</sub>120 – fire retardant from 30 to 120 minutes according to test report and production monitoring; ÜA certified and registered in the Austrian building material list (depending on type)



**Energy subsidies in many states** thanks to the classification as an energy-saving measure through double-layer systems and high thermal insulation values



**Electric drive** (can not be retrofitted!)



**QR-Codes** bring you directly to the respective product information on our homepage.







Depending on the model, Wippro loft ladders are fire-retardant for 30, 60, 90 or 120 minutes.



total component tested by Passivhaus Institut Darmstadt

according to Certificate No. 0836as01



## Wippro attic staircases

### Perfection down to the smallest detail.

### ASSEMBLY + SPECIAL SIZES

- Wippro attic staircases are delivered completely assembled and ready for installation
- Installation instructions with mounting material for concrete or wooden ceilings included
- Standard sizes available immediately
- Custom-made versions possible
- · Height of hatch can be ordered individually
- Ball-bearing closing mechanism

#### **HEAT INSULATION**

Depending on the selected stair type or individual configuration of the attic staircase

- Special top cover for perfect thermal insulation (optional)
- Circular seals made of plastic hollow chamber profiles and fire protection laminate, which foams in the event of a fire
- **Optimum thermal insulation values** due to 6, 10, 16 or 20 cm (≈2.4, 3.9, 6.3 or 7.9 inches) thick insulation in the lower cover depending on the stair model
- Best thermal insulation values through thermal separation in the feed box and in the double seam door
- Air-tightness class 4 thanks to ingenious design and perfect processing

### SAFETY AND QUALITY ASSURANCE

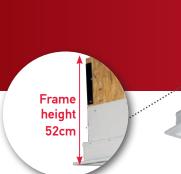
- El,30, El,60, El,90 or El,120 fire-retardant from 30 to 120 minutes (depending on the stair model)
- Anti-slip knobs on the treads
- High-quality plastic powder-coated surface
- **High step load** as per ÖNORM test up to max. 250 kg (total)
- Large treads 36 cm (≈14.2 inches) wide x 12 cm (≈4.7 inches) deep
- Extra long handrail with telescopic support for easy stair operation
- External monitoring and internal quality assurance during the production of certified attic staircases (ÜA certified)
- Thermal separation
- 4 cm (≈1.6 inches) frame for covering the wall hole fix integrated
- Stairs mainly maintenance-free





# ... made by our professionals.





### Isotec 200

# Tested protection against heat loss.

Promoting energy-saving measures!

The Isotec 200 closes the energy loss gap between living area and attic. All-round sealed, this attic staircase protects against roof heat loss of living rooms and is **permanently** sealed.

- 60 minutes fire-retardant
   EI,60 tested according to ÖNORM 3860, EN 1634-1, EN1363-1
- Heat transfer coefficient in the lower cover: U = 0,17 W/m<sup>2</sup>K (calculated) by TU Graz No. B12.137.002.484
- Heat transfer coefficient with thermally insulated top cover: U = 0,13 W/m<sup>2</sup>K (calculated) by TU Graz No. B12.137.004.484
- Air tightness class 4 tested

according to DIN EN 12114 by IFT Rosenheim according to test report No. 12-001746-PR04

- Stone wool insulation 20 cm (≈7.9 inches), multi-layer insulation in the lower cover
- Telescopic handrail, ball bearing with wear-free closing mechanism
- Studded treads with a width of 36 cm (≈14.2 inches) x 12 cm (≈4.7 inches)
- · High-quality powder coated surface
- · Infinitely variable adjustment to the room height
- Recessed rotary hinges
- 3 high-quality sealing layers
- For available sizes (p. 21)



20 cm (≈7.9 inches) thick, multi-layered thermal insulation in the lower cover



+ 6 cm (≈2.4 inches) thermal insulation in the upper cover (optionally available)











The Isotec 200 separates the attic for many decades with energy-saving and fire-retardant properties.



### Klimatec 160



 $U_{\rm D}$ -value = 0,34 W/m<sup>2</sup>K

total component tested by Passivhaus Institut Darmstadt according to Certificate No. 0836as01

# The ideal solution for highly insulated ceilings.

Like all Wippro products, the high-quality Klimatec 160 attic staircase is designed for long-term use.

It convinces with comfort-supporting details as well as with best comfort and hygiene criteria.

- 30 minute fire-retardant
   El,30 tested according to ÖNORM 3860, EN 1634-1, EN1363-1
- Thermally separated hatch panel
- With optional air tight set ideally suited for Passive Houses
- Air tightness class 4 tested
   according to EN12114 and EN 1026 by TU Graz according to test report
   No. B16.023.001.111
- Three circumferential seals
- · high-quality powder coated surface
- Frame height 48 cm (≈18.9 inches) higher available on request
- Klimatec 160 smart: 35 cm (≈13.8 inches) frame height also higher available
- All standard sizes are stocked and immediately available
- Can be installed in the ceiling panel
- Includes mounting accessories and instructions
- Infinitely variable adjustment to the room height
- Tread size: (width x depth) 36 cm x 12 cm (≈14.2 x 4.7 inches)
- Internal swivel mechanism
- Top cover can be retrofitted at any time
- Ball-bearing closing system
- Rounded protection caps
- Telescopic handrail
- · Upper step in the staircase
- For available sizes (p. 21)











Rounded protection caps

CERTIFIED passive house component





35 cm (≈13.8 inches) high frame higher on request available

Certificate Certified Passive House Comp for arctic climate, valid until 31.12.2018 Attic staircase
WIPPRO Wipplinger Ges.m.b.H & Co.KG
4191 Vorderweissenbach, AUSTRIA KLIMATEC 160 This certificate was awarded based on the following criteria: A given component size of 1.40 m by 0.70 m results in: = 0.34 W/(m<sup>2</sup>K) ≤ 0.60 W/(m<sup>2</sup>K) Taking the installation situations into account, the component meets the following criterion. 0.60 W/(m<sup>2</sup>K) Functional requirements of hygiene fRsi = 0,25 m2K/W 0.08 0.05 0.52 0.70 0.57 s of wooden composite material, Trap door with insulation of polystyrene (), = 0.035 W(mk)) and coating of sheet motal, 3 planese-southing (EPDM, TPE) and sorrounding insulation of cot () = 0.035 W(mk)), institution in arctic climates requires in frame for concrete-ceilings.



3 high-quality sealing layers

#### Upper step in the staircase

16 cm (6.3 inches) thermal

insulation in the lower cover



### Wippro air-tight set

### Recommended for optimal installation and best sealing

(see page 19 for more information)



### Isotec and Isotec Luxe



**Frame** made of high-quality OSB material and welded full-frame, thermally separated.

# The innovation from Wippro.

**42 cm** (≈16.5 inches)



High-quality attic ladder with 10 cm ( $\approx$ 4 inches) thermal insulation in the lower cover and thermally separated frame.

Height of frame: 42 cm (≈16,5 inches) higher available on request

# Isotec Strong in fire inhibition



### Isotec Luxe seamless view from bottom for perfect optics

Fire protection El<sub>2</sub>30 tested





**Optimal installation in plasterboard covers** beautiful in either concrete or brick ceilings / gypsum board

For comparison attic staircase without seamless view







### Flat-roof hatch

# Uncompromised comfort and safety.

Perfectly suitable for every flat roof

The "ready to install" Wippro flat-roof hatch guides comfortably to the roof and, in addition to a high degree of safety, offers many other important advantages:

- Ideal heat protection due to strong thermal insulation in the lower galvanized top cover
- Multiple seperated hatchcover frame according to requirements on site
- Several separate divider boxes according to the space situation
- Installation in ceiling cladding as well as special sizes possible

- · High-quality, surrounding special seal
- Optional available in inox execution
- Low space requirement
- Electric drive available



### Combinable with different Wippro attic stair cases

Wippro flat-roof exits are the ideal solution for your home – also combinable with the Wippro attic staircase models Klimatec 160, Eurostep and all Isotec models.

Flat-roof exit also available electrically order upfront (not refittable)

Info: Connection and sealing work, as well as the alignment of the upstands on the appropriate height is to be done on site.



Wippro flat-roof exits are available in combination with different types of Wippro attic staircases. The heat transfer coefficient of the lower cover depends on the thermal insulation properties of the chosen Wippro attic staircase:

• Klimatec 160: Thermal insulation in the lower cover 16 cm (≈ 6.3 inches) more information p. 8 to 9

• Isotec models: Thermal insulation in the lower cover 10 - 20 cm (≈ 3.9 - 7.9 inches) more information on pages 7, 10 and 11

• Eurostep: Thermal insulation in the lower cover 6 cm (≈ 2.4 inches) more information p. 13

### **AZR** Elevator machine room entrance

# Cleaning and service made easy.

Type AZR is a tried and tested construction and serve as a step into the elevator machine room. This makes cleaning and service work particularly easy.

- Non-slip, extra wide treads with
   56 cm (≈22 inches) width x 12 cm (≈4.7 inches) depth
- Also available in model "Isotec" with 10 cm (≈3.9 inches) thermal insulation
- Easy operation thanks to telescopic handrail and spring support
- Thermal insulation by 6,5 cm (≈2.6 inches) high rockwool in the lower cover
- Recessed, lockable 2-sided rotary lock
- High-quality powder surface coating
- · Encapsulating fire protection seal
- · Three-part folding stairs
- Tilt angle according to regulation
- · Including mounting accessories

Ball-bearing,
wear-resistant
closing mechanism



# Inspection flaps Inspection doors

The clean solution for wall and ceiling installation. Made to individual design requirements.



**Inspection door** for the ceiling installation, without stairs



**Inspection flap** for the ceiling installation, without stairs

### **Isotec Space**

# The clever space-saving staircase.

Thermal insulation coefficient in the lower cover U = 0,33 W/m²K

• 52 cm (≈20.5 inches) high frame made of high-quality wood material

• Stair treads with safety knobs, 32 x 10 cm (≈4.7 x 3.9 inches) (width x depth)

- High-quality powder-coated surface
- for ceiling opening 70 x 72 cm (≈27.6 x 28.3 inches) up to 100 x 100 cm (≈39.4 x 39.4 inches)
- 10 cm (≈3.9 inches) thermal insulation in the lower cover
- 10 cm (≈3.9 inches) high welded frame
- · Recessed locking mechanism
- Gasket in lower cover
- · Spring-assisted and ball bearing mechanism
- Encapsulating fire protection seal
- Internal swivel mechanism
- · Double lip lower cover
- · Including mounting accessories







### Heat protection covers

### Custom made for retrofitting.

Wippro heat protection covers are the heat-insulating extensions for the non-insulated roof-top staircases and can be manufactured for every stair dimension and model. The assembly is carried out directly on the concrete or wooden ceiling.

- MANUALLY openable to the rear
- Optional side opening possible
- · High-quality, encapsulating sealing for additional thermal insulation
- Wooden material frame is screwed on all-round linings
- Sealing frame is screwed on the stairway frames
- · Two pneumatic springs as opening aid
- · Adaptable support board
- Incl. assembly accessories

#### **IDEAL FOR RENOVATION WORKS**

also for the installation of different types of attic staircases



Insulated top cover side opening



laterally opening top cover depending on the spatial requirement available.

protective railing



### Top cover

### Thermal insulation and protection - can be retrofitted at any time.

- AUTOMATICALLY openable to the rear OR sideways MANUALLY
- Prevents dusting of the stair parts on the roof
- Increases the insulation value of the attic staircase
- Suitable for all Wippro models also without thermal insulation available





# Wippro® air-tight set



The professional airtight finish.

#### **CONTENTS**

- self-adhesive sealing tape
- swelling sealant
- bonding paste for sealing tape



### **Electric drive**

NOT RETROFITABLE

Order additionally now

Comfort at the touch of a button or via remote control.

Wippro attic staircases can be entirely opened or closed with the help of the electric drive – this is convenient and helps to save maximum energy through the best possible heat protection. Thanks to innovative technology from Wippro, comfort and environmental awareness can be easily combined.

odel as

Available for the Eurostep attic staircase model as well as the Isotec model.

Flat-roof exit also available electrically order upfront (not refittable)





# Wippro attic staircases

### Technical data

Ceiling thickness

Ceiling thickness

Ceiling thickness

Swivel room

Swivel room

Stair base

#### My measures

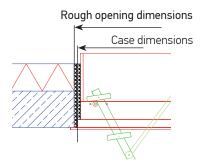
Any type can also come in special sizes!

- A Room height
- B Rough opening length
- c Rough opening width
- **D** Swivel room
- E Top cover opening space

Any type can also come in special sizes!



**G** Ceiling thickness



#### All figures in cm

Туре	Room height	Rough opening space	Swivel room (D)						Stair
Type			RH 250	RH 255	RH 260	RH 265	RH 270	RH 275	elements
	255-275	140x70	Х	38	35	32	27	23	
	255-275	130x70	х	48	45	42	37	33	3
Eurostep	250-265	120x70	45	41	36	31	Х	х	3
	250-265	120x60	45	41	36	31	х	х	
	255-265	110x70	х	38	34	30	х	х	4
	255-275	140x70	х	38	35	31	27	22	
	255-275	130x70	х	48	45	41	37	32	3
Isotec	250-265	120x70	44	40	35	29	х	х	)
	250-265	120x60	44	40	35	29	х	х	
	255-265	110x70	х	38	34	29	х	х	4
	255-275	140x70	Х	38	34	31	27	22	
	255-275	130x70	х	48	44	41	37	32	3
Luxe	250-265	120x70	43	39	35	29	х	х	)
	250-265	120x60	43	39	35	29	х	х	
	255-265	110x70	х	37	33	29	х	х	4
	250-270	140x70	36	33	29	24	19	х	3
Isotec	250-260	130x70	41	36	31	Х	х	Х	3
200	250-265	120x70	33	30	26	21	х	х	4
	250-265	120x60	33	30	26	21	Х	Х	4
	250-275	140x70	38	34	31	27	22	17	3
Klimatec	250-265	130x70	42	38	34	28	Х	х	
160	250-265	120x70	36	33	29	25	20	х	4
	250-265	120x60	36	33	29	25	20	х	

#### Figures in inches (Dimensions in Inches are approximately for information)

Room height	Rough opening space		Stair					
neignt		RH 250	RH 255	RH 260	RH 265	RH 270	RH 275	elements
100-108	55x28	Х	15	14	13	11	9	3
100-108	51x28	Х	19	18	17	15	13	
98-104	47x28	18	16	14	12	Х	х	
98-104	47x24	18	16	14	12	х	Х	
100-104	43x28	Х	15	13	12	Х	Х	4
100-108	55x28	Х	15	14	12	11	9	3
100-108	51x28	Х	19	18	16	15	13	
98-104	47x28	17	16	14	11	х	Х	
98-104	47x24	17	16	14	11	х	Х	
100-104	43x28	х	15	13	11	х	х	4
100-108	55x28	Х	15	13	12	11	9	3
100-108	51x28	Х	19	17	16	15	13	
98-104	47x28	17	15	14	11	х	Х	
98-104	47x24	17	15	14	11	х	Х	
100-104	43x28	Х	15	13	11	Х	Х	4
98-106	55x28	14	13	11	9	7	Х	3
98-102	51x28	16	14	12	х	х	х	
98-104	47x28	13	12	10	8	х	х	4
250-265	47x24	13	12	10	8	Х	х	
98-108	55x28	15	13	12	11	9	7	3
98-104	51x28	17	15	13	11	х	х	4
98-104	47x28	14	13	11	10	8	х	
98-104	47x24	14	13	11	10	8	х	

#### Top cover set for retrofitting

•					
Rough opening dimensions*		Eurostep	Isotec / Isotec 200	Klimatec	
cm	≈inches	Lui Ostep	Isotec / Isotec 200	Rumatec	
140 x 70	55 x 28	ADH-E, HOD-E	ADH-I, HOD-I	ADH-I, HOD-I	
130 x 70	51 x 28	ADH-E, HOD-E	ADH-I, HOD-I	ADH-I, HOD-I	
120 x 70	47 x 28	ADH-E, HOD-E	ADH-I, HOD-I	ADH-I, HOD-I	
110 x 70	43 x 28	ADH-E, HOD-E	ADH-I, HOD-I	ADH-I, HOD-I	
120 x 60	47 x 24	ADH-E, HOD-E	ADH-I, HOD-I	ADH-I, HOD-I	

<sup>\*</sup> External box size – in addition, the frame mirror must be observed, which forms a clean end to the ceiling.



## Multi-purpose cabinets

### powder-coated

As an office cabinet, for workshops or in the garage – Wippro multi-purpose cabinets make a great impression.

The simple, but extremely precise execution and the flexible interior make practically any application possible for the storage space wonder. Whether folders, office items or cleaning material – order is easily achieved with the suitable shelves. For liquid containing uses in workshops and garages – there are also liquid-tight inserts in the form of a vat, which are also suitable for the storage of cleaning agents, chemicals, oil etc.

- Size 95 x 40 x 195 cm (≈ 37.4 x 15.7 x 76.8 inches) (Width x depth x height)
- Compartments every 5 cm (≈ 2 inches) possible, height adjustable
- Lockable with two keys
- Internal hinges
- White powder coating
- All-metal construction
- Recessed doors
- Incl. 4 compartments



welded & assembled

#### Example





# Multi-purpose cabinets

### galvanized

- Compartments every 5 cm (≈2 inches) possible, height adjustable
- Lockable with two keys
- Internal hinges
- Galvanized surface
- All-metal construction
- Recessed doors
- Incl. 4 compartments

W/D/H 95 x 43,5 x 195 cm (≈37.4 x 17.1 x 76.8 inches)

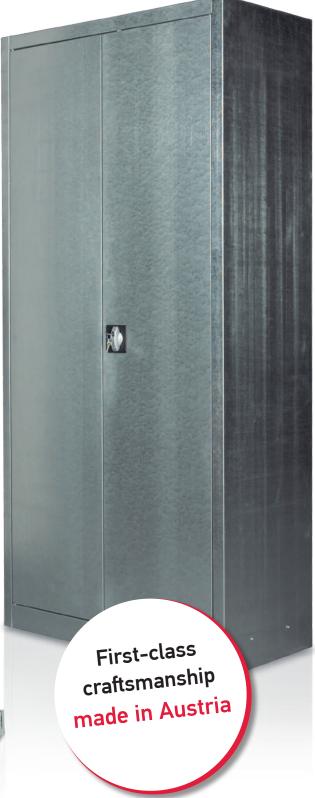


#### Comes

disassembled & packed for transport







### Sliding doors

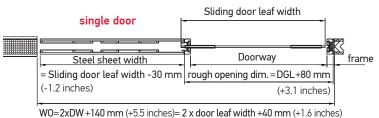
### single or double door

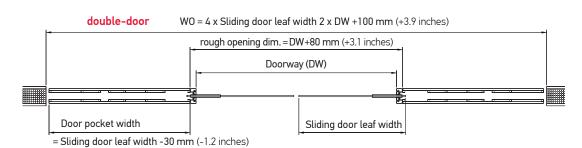
# Individual production in highest quality.

Wippro Sliding door pockets made of galvanized steel sheet can be made individually for EVERY wall opening and ALL wall thicknesses from 12,5 cm ( $\approx$ 4.9 inches). The high-quality, maintenance-free aluminum light rail for sliding doors has stoppers and rollers. It is enclosed with the sliding door system and is built in.









WO ... Wall opening

DW ... Doorway





### Wippro

# **Custom made front doors**













Wippro front doors are manufactured according to the latest technical standards. High-quality surface coating on the exterior can be adapted to the façade whilst having the interior oriented on the room design. Discreet milling, INOX applications, noble glazing, individual design elements or complete panels with optically interesting materials such as natural stone, steel, ceramic or concrete are optional.











## The art of building doors

# Wippro interior doors

High-quality material combinations and styles – from modern to classic to the new Alpin edition. The color and shape of interior doors have a decisive influence on the harmonious feeling indoors.















# Sliding doors & space saving doors

Wippro sliding doors are available both in front of the wall as well as inside of it – in solid wood, glass or all-glass versions.

Space saving, turning and swinging doors require only about 40% of the swivel space of a conventional door.



### Wippro showroom



Wippro factory showroom Vorderweissenbach (Austria)



NEW: Wippro showroom Vomp Tyrol (Austria)



Wippro showroom Vienna (Austria)



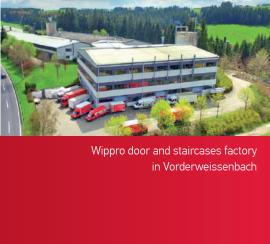
Wippro showroom Munich (Germany)

### www.wippro.com

YES, I would like to ...

...ensure my surprise gift from Wippro!







#### Wippro factory showroom Vorderweissenbach

Gewerbestrasse 2 | A-4191 Vorderweissenbach Tel.: +43 7219 700 40 | E-Mail: info@wippro.at

#### Opening hours:

Monday to Friday from 8.00-12.00 and 13.00-17.00

#### Wippro showroom Vienna

Sagedergasse 8 | A-1120 Vienna Tel.: +43 1 804 877 511 | E-Mail: wien@wippro.at

#### Opening hours:

 $\label{lem:monday} \begin{tabular}{ll} Monday to Friday from 9.00-12.00 and 13.00-18.00 \\ Saturday from 9.00-12.00 $\ July/August each 1st Sa. of the month from 9.00-12.00 \\ \end{tabular}$ 

#### Wippro showroom Vomp

Au 41 | A-6134 Vomp Tel.: +43 5242 222 02 | E-Mail: vomp@wippro.at

#### **Opening hours:**

Monday to Friday from 9:00-12:00 and 13:00-17:30

#### Wippro showroom Munich

Benzstrasse 5a | D-85551 Kirchheim by Munich Tel.: +49 89 90 41 01 161 | E-Mail: info@wippro.de

#### Opening hours:

Monday to Friday from 8.30–12.00 and 13.00–17.00 Saturday from 9.00–12.00 July/August each 1st Sa. of the month from 9.00–12.00

Your Wippro partner

Wippro GmbH | Gewerbestrasse 2 | A-4191 Vorderweissenbach | Tel.: +43 7219 700 40 | Fax: +43 7219 7004 76 | E-Mail: info@wippro.at

$\hfill \Box$ YES, I would like to pick up a surprise gift as part of a free consultation in the Wippro showroom of my choice.								
☐ Vorderweisse	nbach	☐ Vienna	☐ Munich	□ Vomp				
☐ YES, please send me the free Wippro door catalog for ☐ Exterior entrance doors ☐ Interior doors ☐ Sliding doors & room partitions								
FIRST AND LAST NAME:*								
ADDRESS:*								
E-MAIL/TEL.:								

\*) Obligatory disclosures. Voucher valid when sending a fully completed card until 31.12.2019. The legal process is excluded. No barracing. By sending my data, I agree to its use for marketing purposes of the Wippro GmbH.

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