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1. Introduction

Rehab-Care ApS congratulates you on their new equipment.

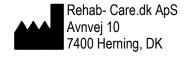
Rehab-Care beds and beds are a modern and up-to-date product based on our many years of experience in the field. This equipment makes it possible to increase functionality, quality and handling at the same time, and is thus an optimal solution. Through continuous development and in all phases of our manufacturing process, we strive for care and quality awareness, and Rehab-Care therefore stands as a guarantee of a very reliable and functional product that is top notch in terms of quality. Customer satisfaction is the primary goal of our product development.

The device meets the requirements of the Medical Devices Regulation (EU) 2017/745 (MDR), as well as the following product standards, EN60601-1, EN60601-1-2, IEC21856:2022. Tak for Deres tillid til vore produkter og for godt samarbejde. Vi ønsker Dem alt godt med Deres nye udstyr.

Regards Rehab-Care ApS.

Version 01-10.01.2024

Manufacturer:



Agent:

2. Unpacking

Check the bed for any transport damage.

Contact the dealer or manufacturer if the bed is damaged or not working. We recommend that the bed is cleaned before use, see cleaning instructions.

Contact the dealer or manufacturer if the bed is damaged or not working.

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3. General precautions

Warning! Never spray directly onto the product with a high-pressure cleaner. Warning! Do not use chemicals that are not approved, and carry out annual service inspections for damage and use. Warning! Do not use any hand controls other than the one supplied with the product. Warning! Foreign objects entering the tread can destroy/damage the beds wheels. Warning! No wheels other than those recommended by the manufacturer may be fitted. Bearing must not lift more than 200 kg. SWL. Warning! Warning! Use only approved mattresses of the same type that come with the bed. Warning! Before and during a lift, safety must be ensured against the risk of crushing for the user and helper Warning! The bed must not be used if there is any doubt about the beds functions. Warning! Bed is NOT approved for use in private homes. Warning! Bed may not be used by children under 12 years of age. Warning! Where patients are not under supervision, the bed is lowered to the lowest position to reduce risk for fall accidents. Warning! Incorrect use of power cables, power supply, manual operation, or mechanical damage To bed, may cause risk of incidents. Warning! Be careful not to pinch the cables. Warning! Bed must not be stacked on top of each other. Use of accessories other than those specified by the manufacturer may result in failure Warning! compliance with CE approval, increased Emission or change in electrical safety.

ATTENTION! Before use.

To avoid damage in connection with the handling and use of the product, these operating instructions must be read through and understood before the product is put into use.

When changing the bed horse's positions, you must be careful not to get

finger in a pinch when the bed horse closes.

Warning!

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4. Scope of application

Bed is intended for rehabilitation and examinations of patients with syncope.

The bed is intended for indoor use.

The Beds Safe Working Load (SWL) is calculated as follows:

SWL: 200 kg. Patient: 180 kg. Mattress: 10 kg. Accessories:10 kg.

Persons with physical or mental limitations may not use the product unless they are under supervision or have received appropriate training in the use of the equipment's correct use, settings and operating devices.

Children must be supervised to ensure that they do not play with the product.



Warning! Rent has not been tested and evaluated in relation to use in private homes,

therefore do not use the product in private homes



Warning! Rental may not be used by children under 12 years of age

5. Lifetime of the product

The product has an expected lifespan of 10 years.

Lifetime is based on correct use, cleaning, service and maintenance.

Products used beyond the above-mentioned service life must be assessed by qualified service personnel for future use.

It is the user's responsibility to continuously assess whether the product can be used beyond the specified lifetime.

Electrical parts may only be serviced by trained technicians.

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6. Equipment and accessories

- Foot control for 1 or 2 functions
- Armrest
- Bed horses
- neck pillow

- Paper holder
- Straps by spec. measure

7. Connection to power

Connect the bed's main cable to the mains socket.

Bed is provided with transformer 230V DC.

When the charger is not in use, the cord is wound up.

When connecting, check the cables for breaks or cracks on the wire

If the power to the bed must be disconnected, remove the plug from the socket

8. Charging the batteries (accessories)

To ensure the longest possible lifespan of your battery box, charge before use. Charging times depend on the condition of the battery.

Before the Bed is used for the first time, the battery is charged for 24 hours, to ensure that this is fully charged and to ensure the best possible service life the battery.

Subsequently, batteries have a charging time of 4 hours.

The rent can be charged in two ways:

- Connect the power to the underside of the control box with it included mains cable.
- The battery is removed and placed in a wall charger (extra equipment).



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There are three indicator lights on the control box.

- 1. The lamp on the left lights up and shows how much power is on.
- 2. The lamp lights up yellow and shows that charging is in progress.

If the charge lamp does not light up, contact your dealer or RehabCare.dk



NOTE!

If stored for more than 6 months from the production date, the battery must be charged every 6 months thereafter.



Warning.

the bed must not be used while charging!



Warning.

The batteries must not be charged in wet rooms, bathrooms or the like!

9. Electrical operation

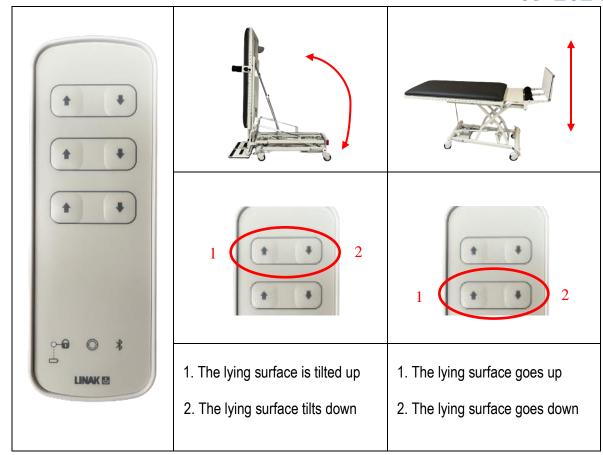
Setting the bed is done with the electric hand control.

Setting appears from pictograms on the hand control.

The bed can be operated by both helper and user.

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When lifting with a patient, max. patient weight not exceeded



When lifting, make sure that the SWL is not exceeded



Check that there is free space above the bed before driving it up



The bed must be able to move freely and effortlessly up and down



Check that the remote control cable is in good condition and without cracks or damage

lowering

Emergency stop / emergency

Emergency stop

Check regularly that the emergency stop is working correctly. The bed must not be used if the emergency stop does not work.

The tilting bed must stop immediately when the red emergency stop button is pressed.

The emergency stop button is released after use by pressing the 2 release buttons on the sides, then the battery is put back in place, and the Bed is ready for use again.

The emergency stop must not be used as a start-stop button

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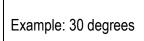
10. Training with the tilting bed

The lock for the back is located on the lower part of the top frame.

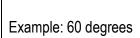
This is unlocked to free up the back piece for training.



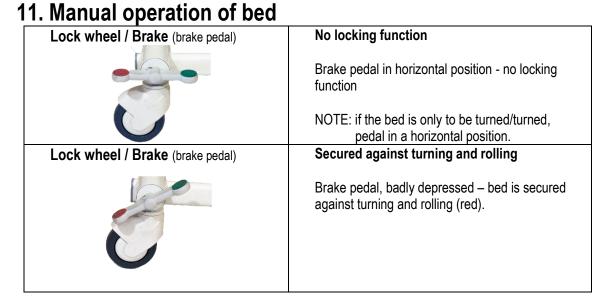
A lower degree will reduce the burden on the patient. This can be used for untrained/beginner users



A higher degree will increase the burden on the patient. This can be used for the trained user







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Lock wheel / Brake (brake pedal)



Direction control activated

Brake pedal, green depressed - activate steering function on wheels (during transport)

NOTE: if the bed is only to be turned/rotated, the direction control function must not be activated. The pedal must then be in a horizontal position.

Bed horse (accessory)



The bed horse can be set in two functions, - up or down.

The locking device is pressed down and the bed horse can be laid down. When the bed horse is folded together, it will lie below the height of the mattress.



When changing settings, there may be a risk of finger pinching.

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11. Tilt function

Before the bed can be tilted, the sleeping surface MUST be driven all the way down to the bottom stop. This is encoded in the control and gives permission to activate the tilt function. If it is to be tilted to 90 degrees, the 2 wheels at the footplates, point towards the footplates or towards the head end. (If the wheel is pointing diagonally towards the corner, the footplate may touch the wheel).

12. Footplate setting (for 2-part footplate)

The footplates can be adjusted with the release handle at each side.

The footplates can be adjusted so that they are pointing upwards and 180 degrees opposite so that they point downwards. When you want to tilt the bed, the footplates must point upwards...





13. Emergency lowering of the bed

Emergency lowering of the tilt function is done by pulling the red handle, then the tilt function is brought to 0 degrees.

May only be used for emergency reduction of Bed..



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14. Technical specifications

14.1 Choice of mattress:

There are fixed cushions on the bed.

14.2 Angles and heights:

Angles and heights are specified under point D.1 Dimensional drawing

Lowest Measured from floor to mattress top 52 cm Highest Measured from floor to mattress top 99 cm Lying surface Angle 90 degrees

15. Handling of parts during disassembly/lifting

There are no loose parts.

16. Cleaning

The bed is cleaned with a cleaning agent or disinfectant, using a brush or sponge, which may subsequently shower or rinse. Dry thoroughly after washing.

Solvents in highly concentrated form must not be used.

Do not use 100% chlorine solutions.

bed does not withstand autoclaving.

When cleaning wheels, only cleaning agents that do not contain corrosion-promoting and harmful substances may be used.

The mattress is cleaned on both sides, with a slightly wrung-out cloth and soap/cleaning agents.



Warning

Never spray directly on the product with a high-pressure cleaner



Warning!

Steam cleaning is not permitted



Warning!

Does not withstand machine washing

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17. Maintenance

Wheels are kept free of hair and dirt. Annual inspection is recommended. Moving parts are checked, tightened and lubricated. Worn bearings are replaced. Battery is replaced as needed.

18. Service

It is recommended that bed undergo an annual service inspection, which is carried out by qualified personnel. It is the owner of the bed who must ensure that the service inspection is carried out. A service protocol must be created for the controlled Lease. The protocol must be signed by the customer after each inspection.

If the service technician discovers a serious fault on the bed, he is obliged to ensure that the bed is taken out of use if the fault involves a safety risk.

Service, repairs and other extraordinary work on the bed between service inspections must be noted on the service report.

18.1 Service - ACTUATORS

Actuators/lifting motor must be replaced after 11,000 cycles or at least every 5 years Actuators may only be replaced by authorized service personnel.

18.2 Service - WHEELS

Wheels must be regularly serviced as needed: Retensioning. bed has closed dustproof bearings: Lubrication not relevant.

Only cleaning agents that do not contain corrosion-promoting and harmful substances may be used. Wheels and parts must be replaced as soon as malfunctions occur.

18.3 Service - BATTERY

If the bed does not work as usual and the batteries are fully charged, it may be because the lifespan of the battery has been exceeded and must therefore be replaced. Replacement may only be carried out by competent personnel. Use only original spare parts

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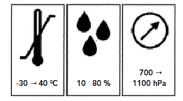
19 Transport and storage

If the bed is not to be used for a longer period of time, it is recommended that it be covered to protect it from dust and dirt. Likewise, if the bed is not used for a long time, it is recommended to remove the battery, as the life of the batteries is greatly reduced if they are completely discharged.

Beds should be stored frost-free and not above normal humidity (approx. 80%).

Requirements in connection with storage and transport:

- Humidity between 10 and 80%
- Temperature between -30 and 40 degrees C
- Pressure between 700 1100 hPa



20. Disposal

For disposal, beds is separated into electronic waste, metal waste and mattress. Electronic waste must be disposed of according to current regulations. Do not dispose of with household waste.

21. Electromagnetic – EMC influence

Portable and mobile RF communication equipment (for example mobile phones) can affect electrical medical equipment.

Use of accessories and cables other than those specified may result in increased emission or reduced immunity of the device.

Electricity supply via mains power must be of the quality that is normal in business and hospital environments.

22. Warranty

According to the Purchase Act, there is a 2-year guarantee on the bed.

The warranty is void in the following cases:

- 1. Congestion of bed.
- 2. Violent use of bed.
- 3. Operating error, incorrect use of bed.
- 4. Lack of or incorrect maintenance.

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5. If electrical LINAK parts are opened or have been used incorrectly.

At Rehab-Care, we strive to continuously improve the products. We therefore reserve the right to change the products without prior notice. All dimensions given on sketches or other material are indicative only and reservations are made for errors and omissions.

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23. Symbol explanation

The following symbols are used on the label and or in these operating instructions:



Warning, see associated documents



User information

IPX6

LIFT50 Water jets

(Powerful water jets (12.5mm nozzle) against the enclosure from any direction must not have any harmful effect.)

Klasse 2 equipment



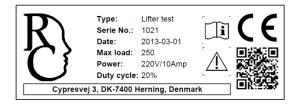
Type B equipment (EN 60601-1)



For indoor use

((

CE approval directive on medical devices EU) 2017/745 - MDR





Safe Working Load (SWL)
Patient max weight

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Appendix A (Informative) Periodic inspection

Periodic inspections

A.1 Periodic inspection of the bed should be carried out at time intervals specified by the manufacturer, but at least

once a year. Periodic inspections mean a visual examination, especially of the beds structure, lifting machine, brakes, controls, safety devices and personal aids, as well as

function tests and necessary maintenance measures are carried out, e.g. adjusting brakes, tightening screws, etc.

Each inspection shall include a test of one (1) lifting cycle at the maximum load.

A.2 Periodic inspections must be carried out by a person who is suitably and properly qualified and has knowledge of construction as well as use and maintenance of bed.

A.3 All observations of importance for the safety of the Rental must be noted, preferably in a logbook, which must be kept by the person(s) responsible for servicing / maintaining the Rental.

The date on which action is taken in response to observed observations should also noted in the schedule.

A.4 A record of the date on which the inspection of the Lease and the inspection result must be recorded the log together with the signature of the inspector.

A.5 If periodic inspection reveals any fault, wear or other damage that threatens the safety of the Rent must be notified to the owner immediately. In the event of an immediate danger to safety, the bed should be taken out of service immediately. It cannot then be used until the deficiency has been corrected.

A.6 Deficiencies and damages of importance to the safety of the rental that have occurred between inspections and have already led to corrective action must be entered in the log book

A.7 Errors and damages must be reported back to the manufacturer/retailer. This feedback must be reported in the log book.

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Appendix B Guide to daily inspection of Lease before use

Nr.		Check	Remark
1	•	All parts are in place, no loose parts	
2	•	There are no defective electrical parts, actuators, cables	
3	•	 There are no abnormal sounds from the actuators and control box 	
4	•	The bed does not have rust or surface damage	
5	•	bed does not show signs of other damage	
6	•	Wheels and brake function for wheels	
7	•	Check that screws and mounted parts are tightened, - this includes Bearings as well as accessories, so that unnatural play and large gaps do not occur	

Daily cleaning

Remove hair and dust around the wheels.

The rent is cleaned with a slightly damp cloth.

Elaboration:

The bed is cleaned with a cleaning agent or disinfectant, using a brush or sponge, which may subsequently shower or rinse. Dry thoroughly after washing.

Solvents in highly concentrated form must not be used.

No 100 % chlorine solutions may be used.

bed does not withstand autoclaving.

When cleaning wheels, only cleaning agents that do not contain corrosion-promoting and harmful substances may be used.

The mattress is cleaned on both sides, with a slightly wrung-out cloth and soap/cleaning agents.



Warning!

Never spray directly on the product with a high-pressure cleaner



Warning!

Steam cleaning is not permitted



Warning!

Does not withstand machine washing

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Appendix C Guidance 12-month inspection of Lease: (Fill in / adapt yourself with additional checks that are deemed relevant)

rılı ili / auapt yourseli wit	n additional checks that are deemed relevant)	
Date:		Produkt ID / serie number.:
done by:		
Inspection carried o	ut at:	

Nr.	Check	Bemærkning
	Visual inspection of product	
1		
2	biases	
3	damage in general	
4	beginning rust	
5	stability no loose parts	
6	wheels run easily and effortlessly	
7	wheel lock works	
8	check bed horse for incipient wear	
9	check the mattress for holes, dirt or damage	
10	Check that manual operation	
	Lifting motor/actuator	
11	- run the bed all the way up and ensure that it stops	
12	- Actuators/lifting motor must be replaced after 11,000 cycles or at least every 5 years	
13	Checking all functions during normal use:	

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Bilag C vejledning 12 måneders eftersyn

	Electrical parts / connections:	
14	Check that all wires are intact	
15	Check that all cables are secure in such a way that they do not get pinched when using the bed	
16	Check that the wires are free of cracks, also on the insulation	
17	Check that all electrical parts are fitted with legible labels.	
18	Check the battery and control boxes are in good and suitable condition, without damage that could affect safety	
	Other things:	
19	Clean and lubricate as needed	
20	Attach a sticker with the date of the next inspection	
21		
22		

Date:	Initials/ signature:
-------	----------------------

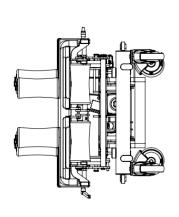
Annual inspection can be registered electronically in the product's service log at Rehab-Care.dk. Contact Rehab-Care.dk for further information.

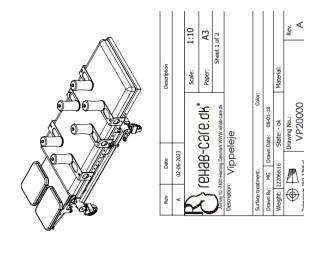
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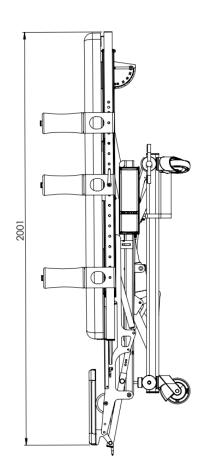
Appendix D Dimensions drawing

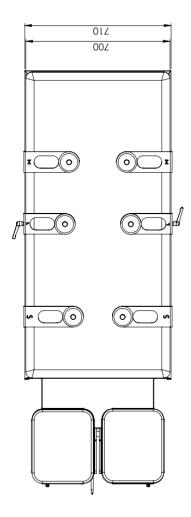
Measure drawing

D1. Measurement drawing - bed





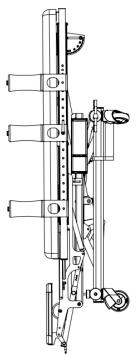




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Appendix E spareparts list



Cia sala.	Carried Trans	4	/40
TIEM NO.	I 53-H	Glideklods	4
2	VP2000	Topramme vip	-
E	SE-4400	Topramme vippeleje s-top	1
4	LA34-600 bund	LA34-400	1
5	VP-polst-201	Hynde for oprejsningsleje	1
9	Maskinsko ø55-M10		2
7	tgf-10-300-1200-sodemann	Træk gastjeder 1200N	2
x	VP4010	Grad maler	
10	145	Plast bøsning	4
=======================================	GFUDLOSERHOVED	Udløserhoved for gasfieder	
12	28x20x1.0 passkive		2
13	M5-VP	Saks for vippeleje	1
14	0404001	Løftemotor MOT-38	1
15	M4	Saks udvendig	1
16	L-3000	Bundramme saks	1
17	Top-LA40-250		1
18	L6-A	Løfte laske	2
19	1 2000 03	Afstandsrør ø16x13	4
20	L-3000-03	Modhringer bromes	2
77	TCO 7390 - M12 v 30	Medulinger Dreitise	7
22			4
23	ISO 7380 - M8 x 20 20N		4
24	L-3010-01	Bremse stang	1
25	Pedal-højre	Bremsepedal	1
26	L-3000-50	Hjul holder	4
27	Pedal-venstre	Bremsepedal	-
28	60X30 Flad oval	Plastprop gra 60x30 f-oval	4
67	5444-46PJP125R36-34	Hjul Ø125	4
30	1.500	Løttetravers saks	
33	142-20	Brancotton 1 – 580	-1
32	VPE300	Modvædt til vippoleje	-
34	65517	Principle of the principle	4 a
32	F300	Hynde ramme	-
36	VP2021	Skærm for ben	-
37	PS-5004	Hjul for leje	4
38	DIN 625 - 6004 -		4
	12,SI,NC,12_68		
		Skulder beslag	2
41	M10-K-spec-bolt	Bolt M10 med bryst kort	9
42	Ganter greb		2
43	STT-fjeder	Blokerebar gasfjeder STT	1
4 :	GAS-02	Proceedings of the second	
45	VP2U34	Prop for rør	0 -
47	VP2300	Skulder beside small	2
48	VP2200	Skulder beslag medium	2
50	VP2038 VP2600	nui stang Stopratr	2 2
51	25-12x1-75	Pos bolt for adjust	2
52	Bansbach+A1A1Z-3-400-535-000_100N(400) VP4034	holder for rulle	4
25	VPS150	Fodplade	1
25.	VPS250 VP-polst-102	Fod-hynde Fod-hynde	1 2
25	Ш	Pin-s10-47	-
S8 59	DIN 912 M10 x 50 32N DIN 912 M10 x 40 40N		2 2
09	EN ISO 4762 M8 x 30 - 30N		2
62			2
63	40020 PROP	Plast prop	2 2
65	ISO 7380 - M10 x 30 - 30N	dod send	2
99	DIN 1587 - M10NUC		2

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Appendix F Troubleshooting

Nr.	Error	Possible cause	Solution
1	Functional failure	Is the socket on?	Turn on the power outlet
2	Funktio Functional failure	Are all connectors firmly pressed into the bottom? (must be pressed in firmly)	Press firmly into the bottom
3	Funktio Functional failure	Are there visible breaks in the wires?	Change the wire
4	Funktion Functional failure	Battery	Insert fully charged battery

Contact the dealer if the bed does not work correctly.

A defective bed must not be used.

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Supplement :Battery

Beds can be equipped with different battery systems.

The following models are used: Bat-21 and BAT-14.

Both systems are approved according to standard 60601-1 on electrical medical equipment. **Charging**

To ensure the longest possible lifespan of the battery box, it must be charged before use.

Charging the first time.

before the bed is used for the first time, the battery is charged for 24 hours to ensure that it is fully charged and to ensure the best possible lifetime of the battery.

Charging afterwards.

Subsequently, the battery has a charging time of 4 hours.

NOTE:

If stored for more than 6 months from the production date, the battery must be charged every 6 months thereafter.

NOTE:

Batteries can be damaged if they are completely discharged between charges.



Warning! beds must not be used while charging



Warning! Batteries must not be charged in wet rooms, bathrooms or the like

LIFT50	Bat-14
	Batteri
IPX6	IPX6
Colour: grey + White	Color: gray + White
Class 1 (electrical safety)	Class 1 (electrical safety)
Used 2 min. continuously, followed by 18 min.	Used 2 min. continuously, followed by 18 min.
without application.	without application.
Application temperature: +5 - + 40 degrees C	Application temperature: +5 - + 40 degrees C

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