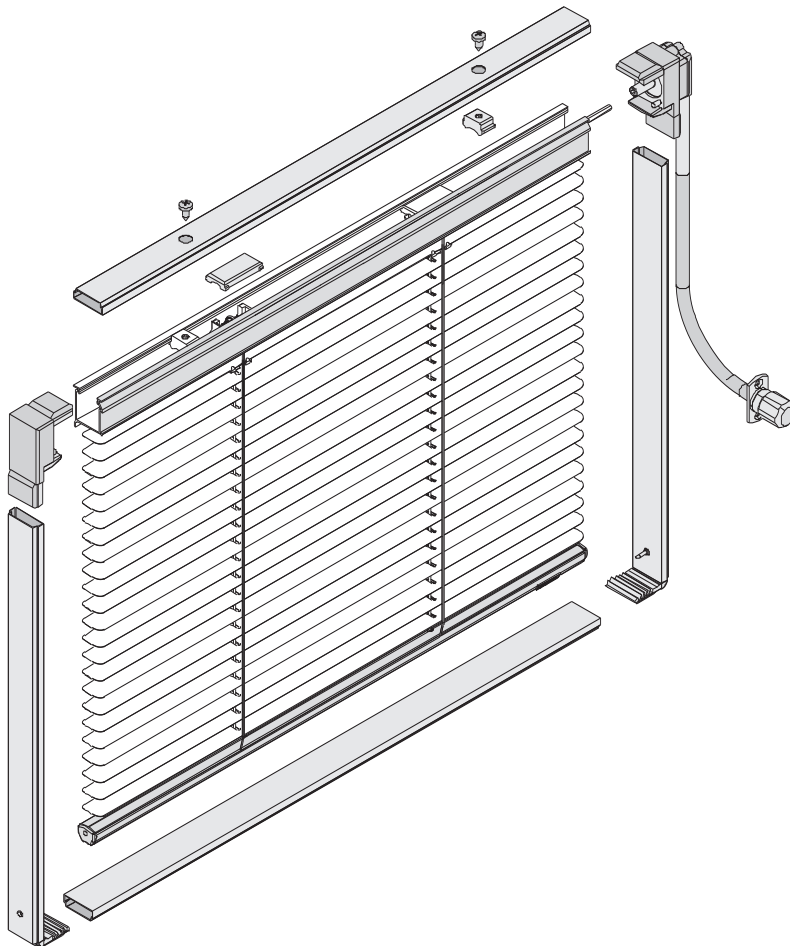


SL24P

VENETIAN BLIND



The venetian blind used in the ScreenLine® SL24P system is manufactured in accordance with high technical specifications and production standards. The venetian blind operation is achieved using a rotational magnetic transmission through the 'special' corner key, thereby guaranteeing the unit's hermetic seal. The tilting operation is achieved using a flexible wire drive via a rotational button on the window frame. The bottom rail of the blind is located on pins attached to the lateral side-guide that allow the blind to rotate through 180.

Height	300 ~ 3.000 mm
Width	190 ~ 3.000 mm
Max. Area	3 sqm

SL24P

VENETIAN BLIND

SL24P

Magnet composition

The casing is in Nylon 66 reinforced with glass-fibre. The gears and transmission components are made from carbon steel, and conventional bearings are used for the drive shafts. The worm gear is in brass. The magnets are manufactured from sintered neodymium, iron boron and have the following characteristics:

Energy produced	Bh max-Mg.Oe	33-35
Residual induction	Br-Gauss	11.000 / 12.000
Coercive force	Hc-Oestered	10.000
Maximum working temperature	°C	120
Curie temperature	°C	310
Reversible temperature factor	°C	-0.12%

Head rail

Extruded aluminium A6063S-T5 alloy. Dimensions: 23 mm width, 30 mm height + 6 mm external pelmet. Powder coated to colour co-ordinate with the slats.

Slat

Aluminium AA 6011-T8 alloy. Dimensions: 16 mm width, 0.2 mm thick.

High resistance polyester paint: available in 9 colours. The slats have a special treatment to eliminate possible paint emissions by U-V or Solar radiation i.e. non-fogging.

Solar and light performances of the slat only

SLAT COLOUR	S102	S106	S125	S130	S142	S149	S155	S156	S157
Solar reflection %	70	62	57	58	65	68	42	65	43
Light reflection %	78	72	63	65	69	75	48	62	44
Solar absorption %	31	38	43	42	35	32	59	35	57

Bottom rail

Extruded aluminium A6063S-T5 alloy. Dimensions: 14 mm width, 11 mm height - comprising two interlocking profiles. Powder coated to colour co-ordinate the slats.

Ladder tape

Thermo-fixed 100% polyester with 12 mm step.

Great dimensional stability with excellent U-V and Solar resistance.

The ladder tape has a special treatment to eliminate possible chemical emissions inside the double glazing unit due to U-V or Solar radiation. Colour co-ordinated with slats.

Cord

Thermo-fixed 100% polyester with excellent dimensional and colour stability. 1 mm dia. It is used to ensure parallelism of the ladder tape. Colour - white.

technical specification

1. technical features

Spacer bars

Electro-welded aluminium spacer bar.

Dimensions: 24 mm x 8 mm with corresponding corner keys.

Option: extruded aluminium L-profile, dimension 24 mm x 8 mm with 8 mm projection to close perfectly the gap between slats and side profile.

Standard knob

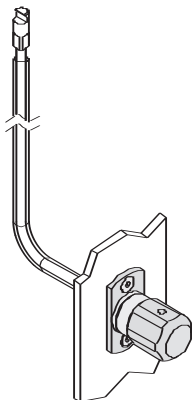
Black coated brass with mechanical stop to eliminate possible slat damage.

Flexible cable

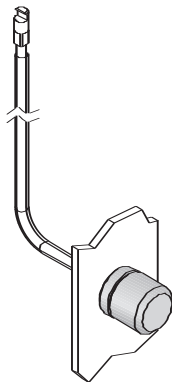
Steel cable 3.2 mm diameter - anti-twist. Protective sheath self-lubricating for longer life.

Possible choice among three types of knobs

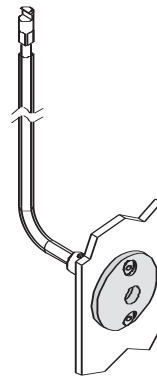
1. standard knob
2. round knob
3. hidden knob



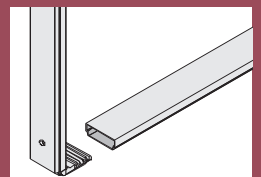
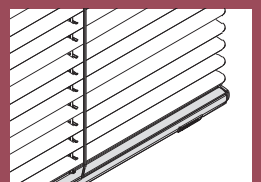
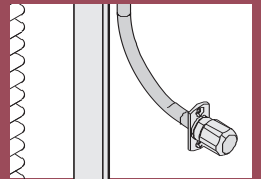
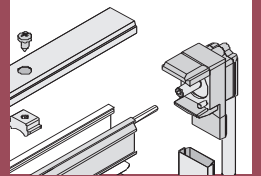
1



2



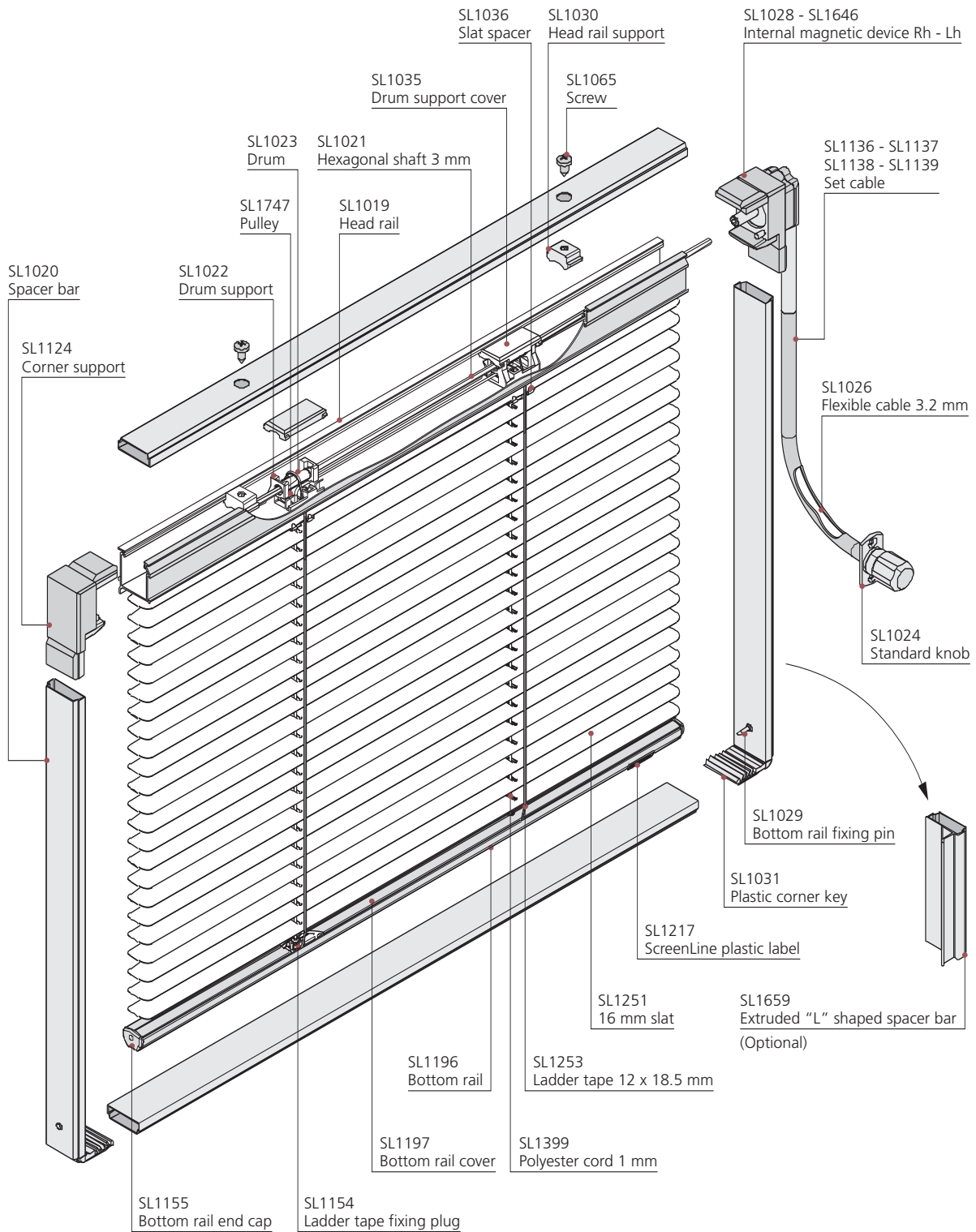
3



SL24P

2. technical drawings

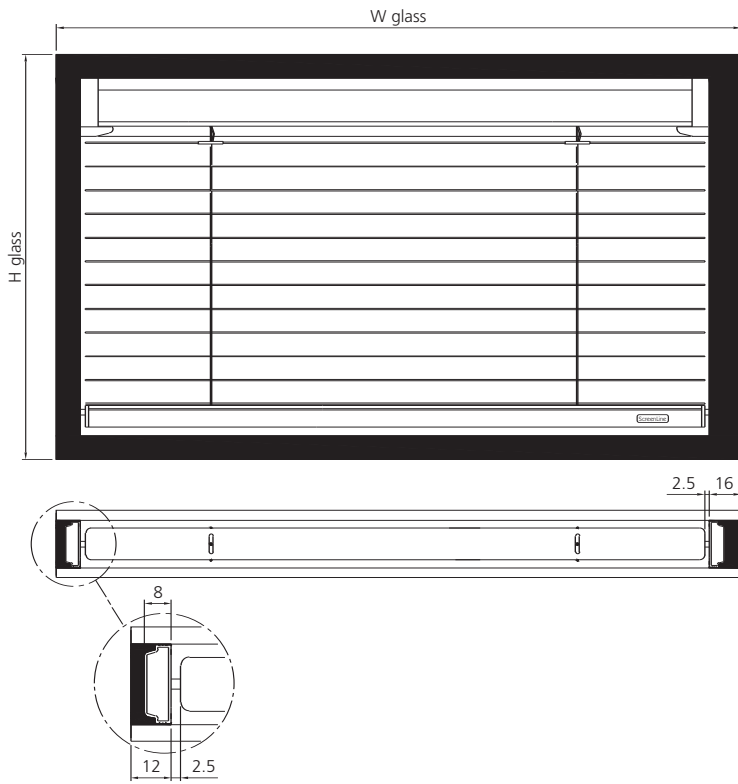
comprehensive drawing with component codes



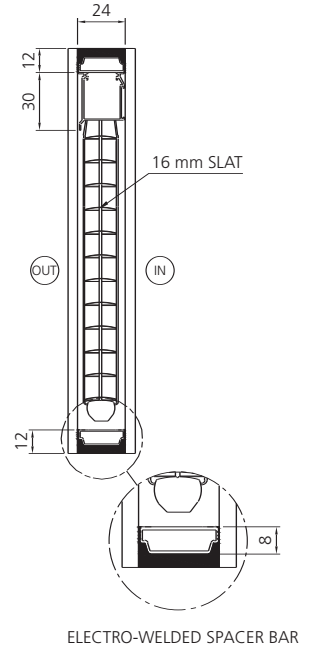
SL24P drawing with component codes

venetian blind

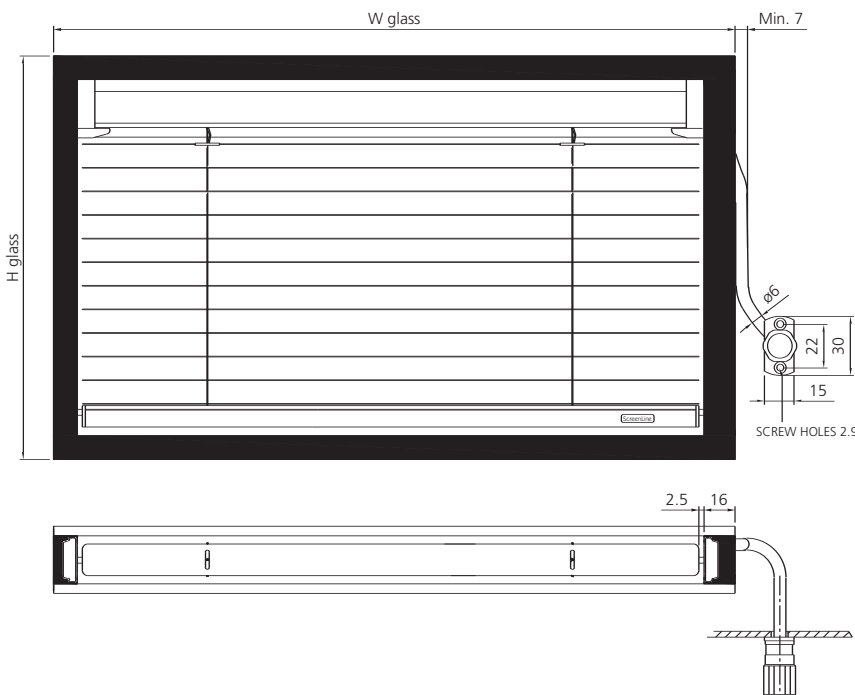
SL24P



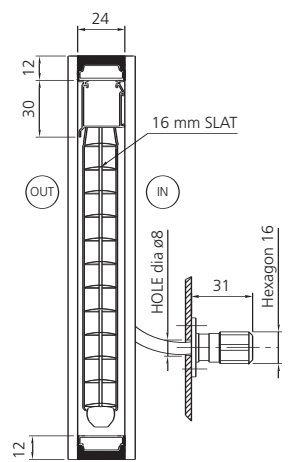
ELECTRO-WELDED SPACER BAR

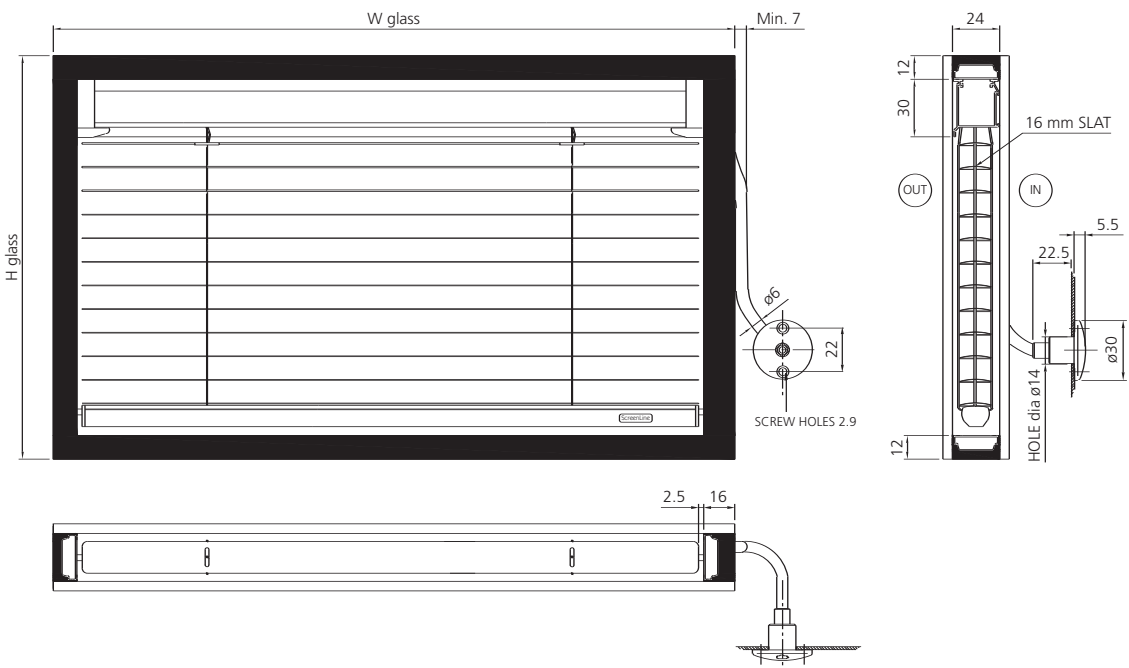
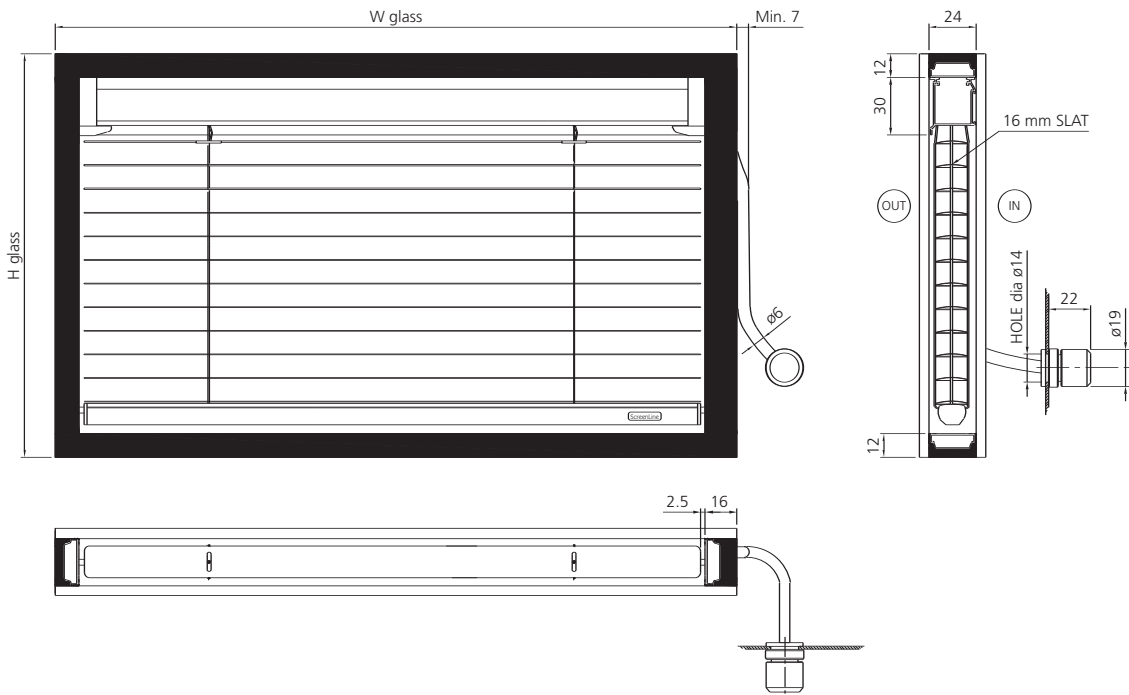


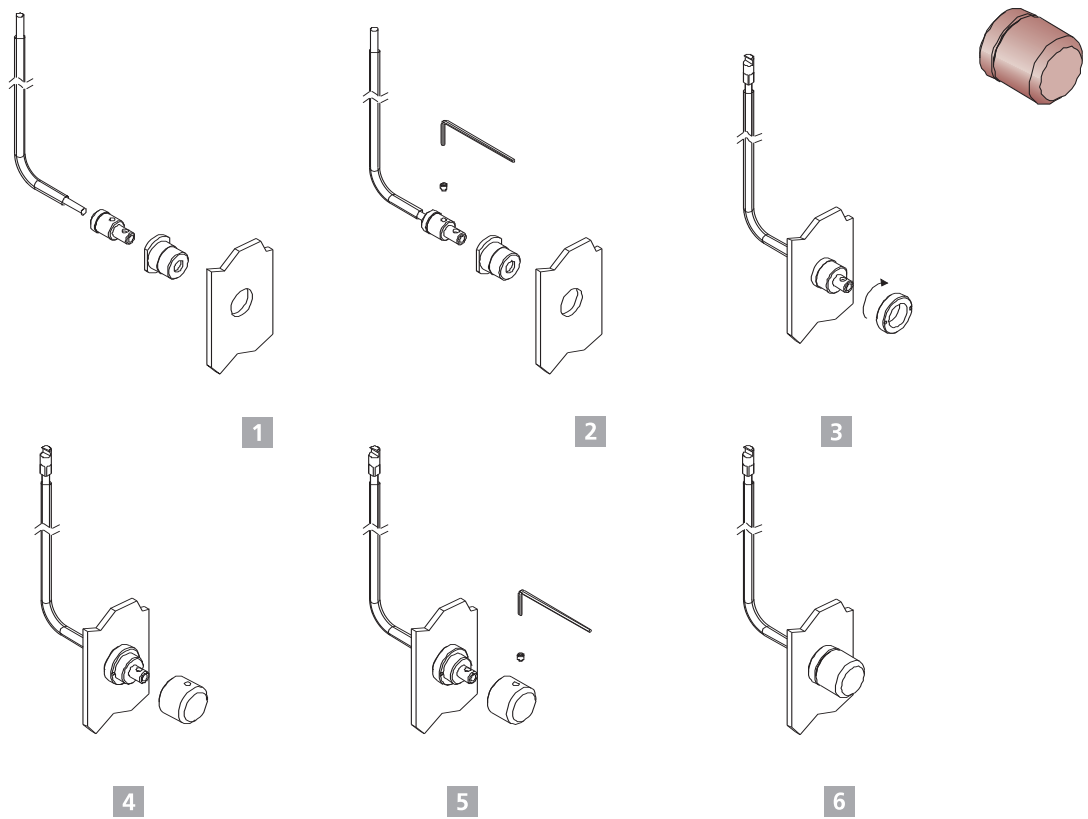
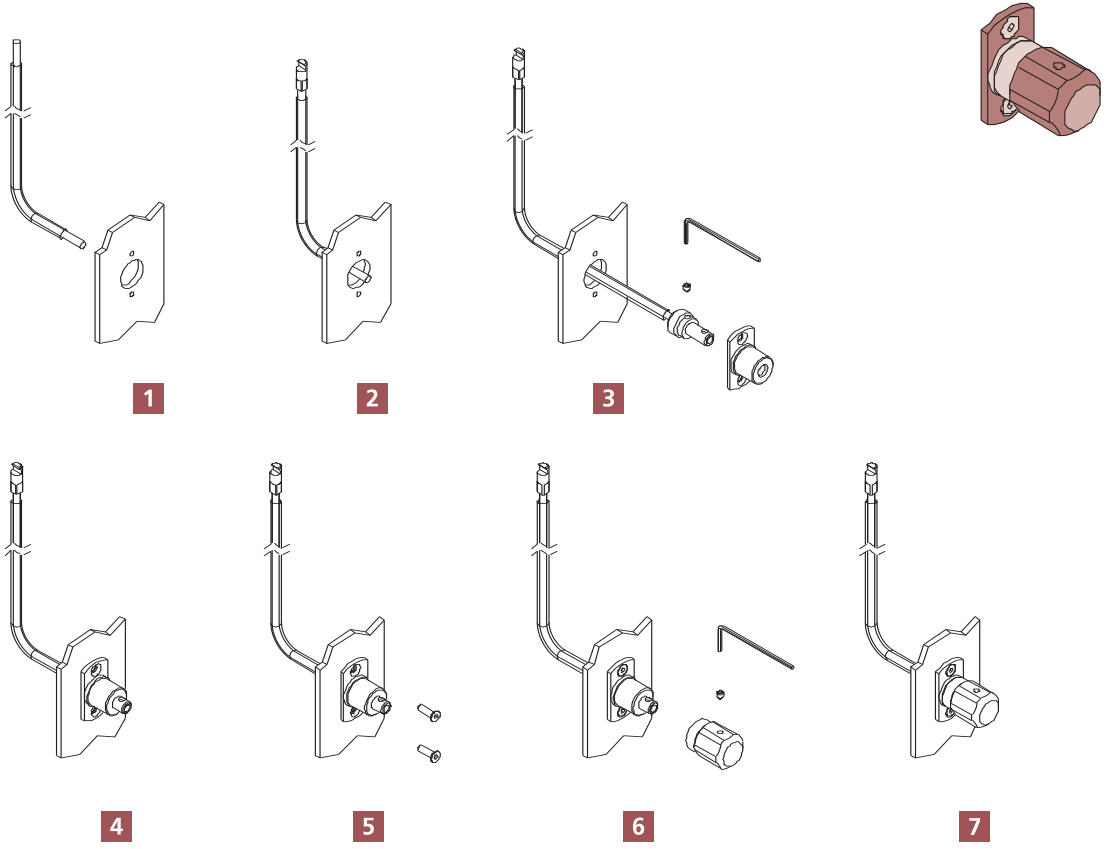
ELECTRO-WELDED SPACER BAR

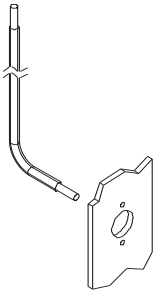


SCREW HOLES 2.9

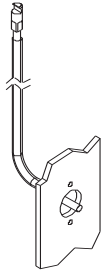




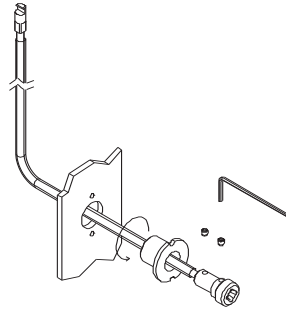




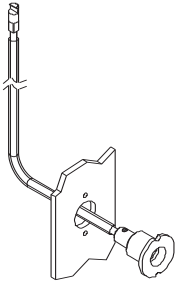
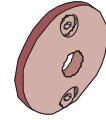
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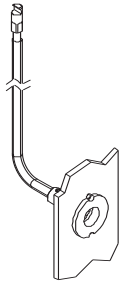
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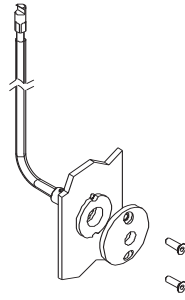
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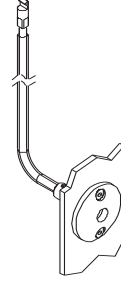
4



5



6



7

ScreenLine® kit components

On receipt of goods, check integrity of package and confirm components as detailed on Purchase Order.

The elements of the kit comprise: **A**

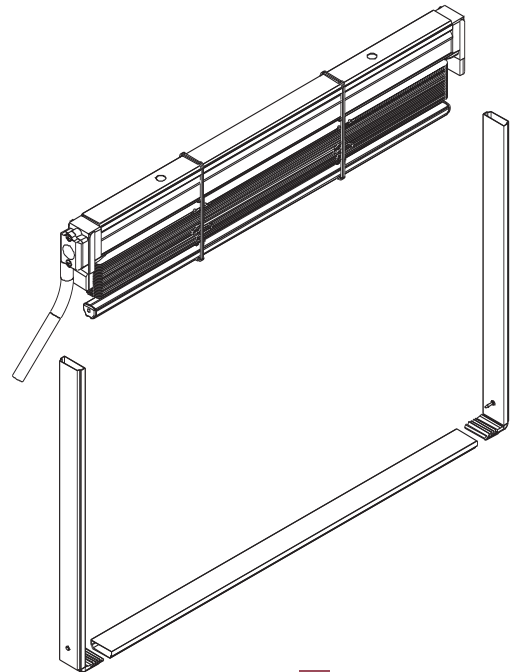
- venetian blind with head-rail / top spacer bar (attached) / special corner keys (one with flexible coupling) altogether with factory applied double sided adhesive tape
- 1 No. bottom spacer bar
- 2 No. standard profile spacer bar with 'pins' factory fixed (height)
- 2 No. standard corner keys
- standard knob control complete with flexible cable, flexible cable cover and connection.

Assembly of the integral blind unit

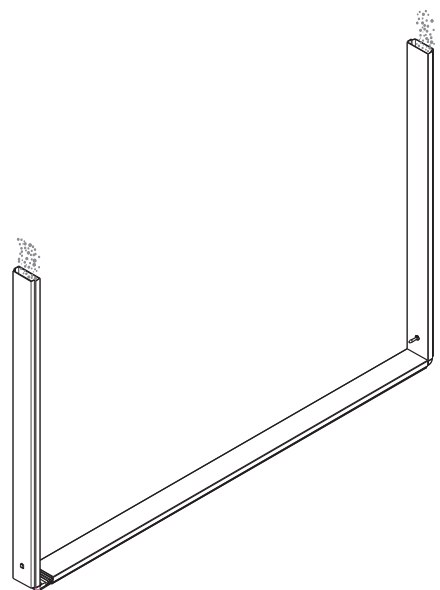
Spacer bar preparation

Fill with the required amount of molecular sieve the spacer bars. **B** Remove the plastic wrap from the head-rail / blind, unwind the cords from the head-rail but keep the slats stacked. Holding the spacer frame vertically, remove the temporary corner keys, position the head-rail / integral corner keys over their respective spacer and assemble. **D**

Extrude hot butyl on them, without interruption according to the rule EN 1279-2. **C**

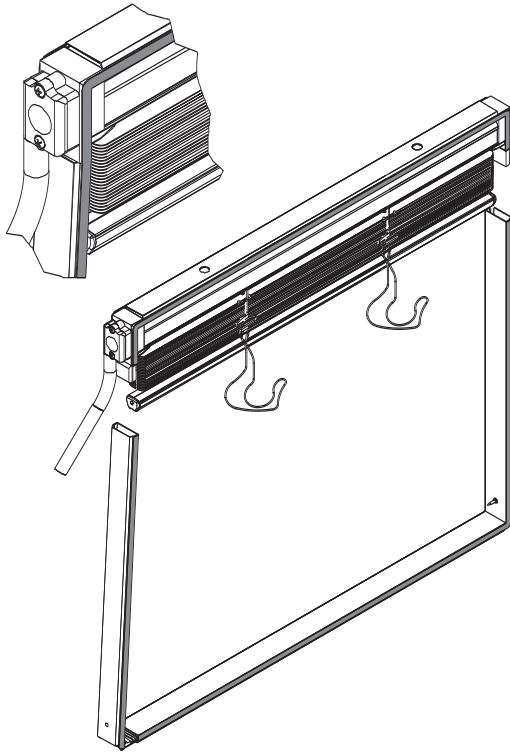


A kit composition

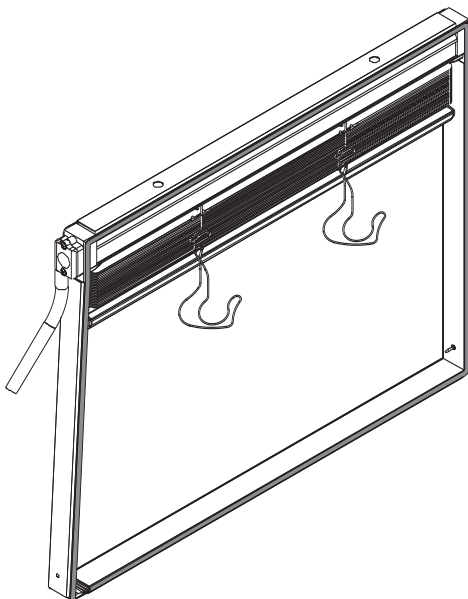


B desiccant filling

assembly instructions



C spacer assembly



D kit assembly

Line assembly

Pass the first glass through the washing machine on its base. Lower the blind within the assembled spacer frame taking great care not to damage or contaminate the slats with butyl. **E** Insert the bottom rail onto the retaining 'pin' on one side of the unit. Open the corner key in the opposite corner, locate the bottom rail on the second restraining 'pin' and then close the corner key taking care to complete the butyl seal. **E1** Position the assembled blind and spacer frame on the first clean glass **F** and ensure that it is parallel and square (no inner deflection on the vertical spacers). Press firmly to achieve good adhesion and check that there is an 8 mm clearance between the vertical spacer and the edge of the glass on the 'wire' drive side. During this operation avoid the contact between slats and butyl of the spacer bars. Ensure that the pellet of the head rail lies against the external glass and that the slats rotate and are positioned with the slat face convex to the external glass. Now assemble the clean second glass and proceed with the press machine procedure.

Gas filling

Using the appropriate equipment and following the requisite procedures replace the internal air with Argon.

Test

Prior to the final seal it is recommended that the blind operation is checked by means of the short flexible drive. The unit must be vertical with the head-rail horizontal at the top of the unit. Check that the slat clearance with the spacer bar is uniform and then rotate the slats. At the end of the test procedure, reposition the protective PVC sleeve over the wire drive.

Final seal

Rotate the slats to their mid-position i.e. open, and apply the final seal **G** according to the rule EN 1279-2. It is essential that the area around the wire drive is fully enclosed with sealant. During this operation it is important that the plastic protective sleeve covers the wire drive in order to prevent sealant contamination.

It is recommended that a small wedge is used to keep the wire drive free of the sealant until it is cured when the protective PVC sleeve may be removed. **H**

Note

SL24P systems must not be inverted (vertically or horizontally) and should only be stored or moved in the vertical plane.

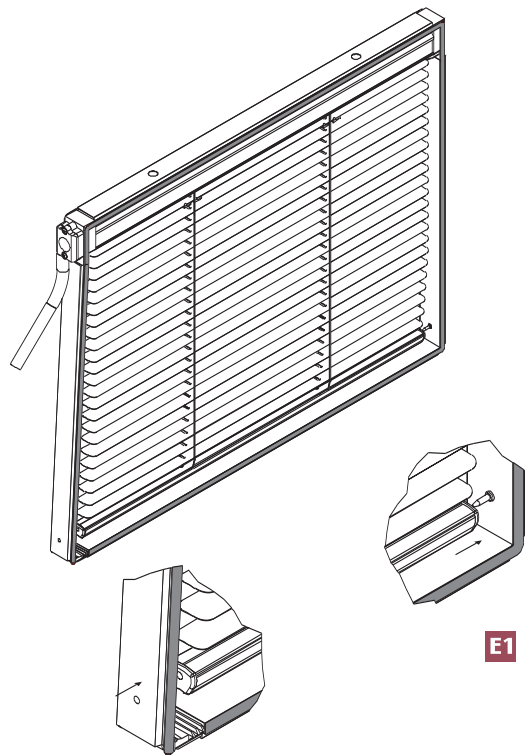
The knob control system should be in place on the window frame prior to or during glazing.

The transport of the integrated blind system must be done with the slats in the open position to avoid slat contamination resulting from contact with the primary butyl seal.

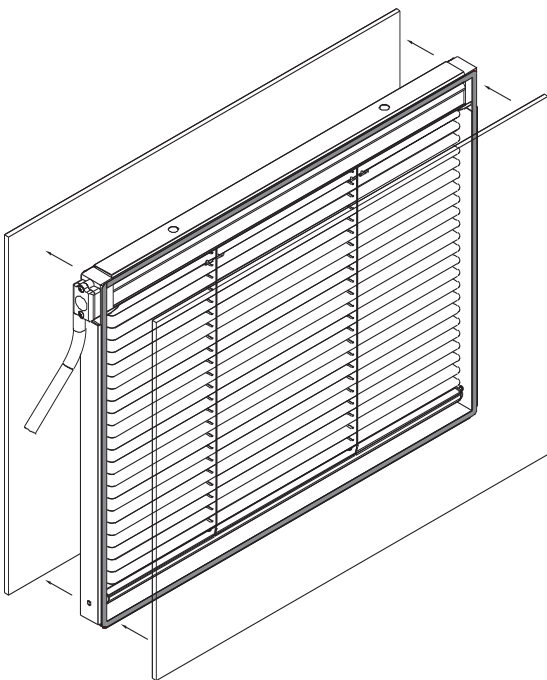
Transport and Storage

For transport and stock procedure please check the recommendations contained in the relevant part of the ScreenLine®

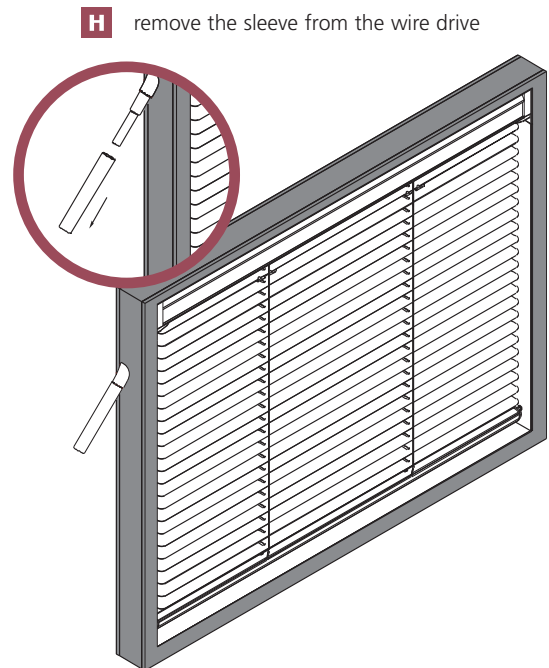
Technical Catalogue.



E position the restraining pins into the bottom rail



F glass assembling



H remove the sleeve from the wire drive

G unit sealing

H / Cm	W / Cm																									
	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
100	Euro 100	103	107	111	116	119	137	144	149	152	156	160	163	167	190	195	199	203	207	210	220	226	232	239	245	251
110	Euro 101	105	108	114	121	121	140	147	151	156	160	164	167	171	195	200	204	208	212	216	226	232	239	245	-	-
120	Euro 105	110	114	119	123	127	146	153	158	162	166	171	175	179	203	208	211	217	221	225	235	-	-	-	-	-
130	Euro 107	111	116	121	125	130	149	156	162	165	170	175	179	184	208	213	217	222	226	-	-	-	-	-	-	-
140	Euro 108	113	118	123	128	132	151	159	165	169	174	178	183	188	212	217	223	-	-	-	-	-	-	-	-	-
150	Euro 109	114	119	125	130	135	153	162	168	172	177	182	187	193	217	223	-	-	-	-	-	-	-	-	-	-
160	Euro 121	127	132	138	143	149	171	179	186	190	195	200	206	211	236	-	-	-	-	-	-	-	-	-	-	-
170	Euro 123	128	134	140	145	151	174	182	189	193	199	205	210	-	-	-	-	-	-	-	-	-	-	-	-	-
180	Euro 127	133	138	145	151	156	180	188	196	199	206	212	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190	Euro 129	134	140	147	153	159	182	191	199	203	209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	Euro 130	136	142	149	156	162	185	194	202	206	212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210	Euro 131	138	144	151	157	164	190	197	206	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220	Euro 133	139	146	153	160	166	190	200	209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
230	Euro 134	140	148	156	162	169	193	203	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
240	Euro 135	142	149	157	164	171	196	206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
250	Euro 136	147	154	163	170	177	202	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
260	Euro 144	152	160	168	175	183	209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
270	Euro 146	155	163	172	179	187	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
280	Euro 149	158	166	175	182	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
290	Euro 151	161	169	179	186	195	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
300	Euro 154	164	172	182	190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

system **SL24P**

The kit includes

- venetian blind with 16 mm slats
- 24 mm side flat profile
- 24 mm top & bottom flat spacer bars
- 24 mm corner keys
- knob with wire drive and corner key connection

height of the cable

H of glass	H of cable
≤ mm 500	mm 500
mm 501 - 1.000	mm 1.000
mm 1.001 - 2.000	mm 1.500
mm 2.001 - 3.000	mm 2.000

5. Pellini® general sale terms and conditions

1. OVERALL The general sale terms and conditions specified below ("General Sale Terms and Conditions"), are an integrated part of the order and/or order confirmation regarding the products and/or services ("Order" and "Order Confirmation") submitted to and supplied by Pellini S.p.A. ("Company"). Therefore the order is accepted by the company and placed by the purchaser ("Purchaser") in compliance with the General Terms which - unless otherwise agreed and undersigned by the Company - must be deemed to prevail over the various clauses and conditions referred to by the Purchaser.

2. TRADEMARKS AND PATENTS The Company is the sole owner, or licensee in force of regular contracts, of all the rights of industrial property relative to the trademarks placed on the products constituting the object of the Order ("Products") and of all the patents in force of which the Products have been manufactured. The Purchaser is in no way authorized to remove the trademarks of the Company from the Products, to replace them with other trademarks nor to add trademarks and/or other distinctive signs other than those owned by the Company.

3. PRODUCTS OWNERSHIP The ownership of the Products, even after supply has taken place, resides with the Company until the aforementioned company account has been settled by the Purchaser the entire payment of all the invoices relative to the Products delivered to the purchaser according to that provided for by art. 6 shown below.

4. PRICES Prices are those specified in the Order or, if different, those specified by the Company in the Order Confirmation which are set based on the costs relative to materials, manufacturing or any other cost known to the Company on the date of the Order Confirmation. Should the Company decide to increase prices owing to increases recorded in such costs following that date, the Company will have to notify the Purchaser of the new prices, by registered letter or in writing, within 15 (fifteen) days after the date of the Order or, if subsequent, of the Order Confirmation. In this case, the new price will be deemed constituting the price of the Order, namely of the part of the order to be processed. If the new Price exceeds the previous one by over 10%, the Purchaser will be entitled to cancel the Order, namely the part of it still unprocessed by notifying such decision to the Company by written notice, possibly by registered letter, ahead of the Products shipment and, in any case, within and not later than 14 (fourteen) days after the date of forwarding of the price increase notice. Unless agreed otherwise in writing, the prices quoted by the Company are expressed in Euro and do not cover freight charges, insurance, loading and unloading of the Products and VAT or any other taxation, levies or duties and are ex works of the Company and delivered in standard packing.

5. PACKING, FREIGHT AND INSURANCE - RISKS CHARGES Charges for standard packing of the Products are met by the company, while charges for special packing (e.g. pallets or wooden crates in case of shipment) are charged to the Purchaser.

Freight charges of the Products through the forwarding company chosen by the Company and advanced by the same will be charged to the Purchaser in the invoice unless otherwise agreed. The Purchaser is also bound to pay to the Company an extra amount on the total amount of the Products specified in the invoice to meet with the expenses faced by the latter for insurance purposes. Freight charges of the Products are charged to the Purchaser who, within 3 (three) days after receipt, must inform the Company about any defect, damage, theft, shortage and delays occurred during the transport in order for the latter to file a complaint and formulate the necessary actions against either the forwarding company or the insurance company.

6. PAYMENT TERMS The price of the Products will have to be paid by the Purchaser to the Company within the deadline indicated in the sale invoices issued by the latter. 14 (fourteen) days having elapsed from the date of payment, the Company will be empowered to issue a sight draft to obtain the due amount alongside the interests for delayed payment which amounts to that provided for by art. 5 of the decree 9.10.2002 no. 231. The company reserves the right to claim damages, if any.

7. BREACH OF THE PURCHASER The Purchaser who does not settle the payment within the agreed terms, will be held in default albeit he/she will not have received any default notice. In the case of default by the Purchaser to pay the purchase price of the Products to the Company, according to what provided for by the art. 6 mentioned above, the Company reserves the right to cancel the Orders entirely or partly or to suspend delivery of the outgoing Products bound to the Purchaser's warehouse, even without issuing a default or injunction notice to the Purchaser, and is subject, anyway, to compensation for damage.

Should the Order refer to more deliveries, with regard to which the Company has issued more invoices, the delayed payment from the Purchaser - even if by one day only - of such invoices - or even one of them only - authorizes the Company to suspend finally later deliveries of the Products. In addition the Company will also be entitled to cancel an Order or to suspend partly or entirely the supply of the Products to the Purchaser, should a change in the financial and economic conditions of the same occur, such that his/her solvency guarantee is reduced. If the Purchaser is declared bankrupt, declares shutting down or ceases anyway to exist, or undergoes restraint or seizure of his/her property, the Company will be entitled to delay or cancel future deliveries, if any, and/or to back out of any contract without losing the right to be paid the full purchase price of the Products. The credit collection charges faced by the Company - both during the course of court proceedings and out of Court proceedings - including the fees charged by the Italian Lawyers, set by the Ordine degli Avvocati (Association of Italian Lawyers), will be charged entirely to the Purchaser. The Purchaser will not be entitled to withhold or compensate any payment by an alleged credit towards the Company.

8. SITE OF DELIVERY OF THE PRODUCTS The site of delivery of the Products is the factory of the company, based in Italy at Codogno (LO), Via Fusari, 19 ("Factory").

9. PRODUCTS DELIVERY TERMS Whereas the delivery of the Products is subordinate to the availability of the same at the Factory, the Company will do everything in its capacity to deliver the Products within the delivery terms agreed in the Order or, if different, in the Order Confirmation. Such terms, however, are approximate and not imperative. In case of delay, therefore, the Company will not be liable for breach of contract. Should a given delivery term have been agreed, the Purchaser will have to allow a proper extension - in any case not less than 30 (thirty) days - in order for the Company to fulfil its obligations. Only in case the agreed extension timeframe should be exceeded, will the Company be liable for breach of contract. Unless agreed otherwise in writing, the Company is entitled to carry out the delivery of the Products in instalments.

10. FORCE MAJEURE Should the Company be faced with the impossibility to carry out the delivery within the agreed terms, due to circumstances beyond its control such as, by way of illustration and not exhaustive: war, governmental restrictions, strikes or lockouts, work force demonstrations or other general or local events; fire, floods, explosions, natural catastrophes, or any other acts of God owing to which the Products have been damaged and/or destroyed or any event which, be that as it may, may cause problems to the Company in terms of manufacturing, delivery or supply of the Products, the Company, without obligation to provide explanations to the Purchaser, will be entitled to cancel all and/or part of the Order, while doing everything in its capacity to inform the Purchaser as soon as possible. It remains that, in these cases, the Purchaser will not be entitled to require any reimbursement from the Company as compensation for the damage, if any, suffered by the Purchaser and/or by third parties owing to the cancellation of the Order by the Company.

11. ORDER VARIATIONS, CHANGES AND CANCELLATIONS The Order of the Products is irrevocably confirmed by the Purchaser.

Barring what provided for by the art. 4 aforementioned, any changes or cancellations of the Order from the Purchaser and expressly authorized by the Company, will have to be communicated in writing to the latter by registered letter within, and at the latest, 10 (ten) days after the date of issuing of the Order.

12. NON COLLECTION OF THE PRODUCTS FROM THE PURCHASER Should the Purchaser not collect the purchased Products delivered to destination, the Company will be entitled, at its own discretion, to: (I) demand the settlement of the payment and leave the Products at the Purchaser's disposal; (II) proceed to the sale of the Products to third parties, without amendments or any other sort of measures having to be taken by the Legal Authorities. It remains that any stoppage dues arising from the non collection of the goods at the forwarding company, handling and freight charges applying to the Products are charged to the Purchaser. Should the Purchaser have difficulty in accepting the delivery for a period of time longer than 14 (fourteen) days, the Company will be entitled to back out of the contract. In any case, it is agreed that the Company is fully entitled to compensation for the damage suffered.

13. PRODUCTS WARRANTY AND COMPLAINTS All the Products supplied by the Company are guaranteed against production faults provided they are handled in compliance with correct procedures. The Purchaser is obliged to inspect the goods delivered upon receipt of the same. Complaints, if any, about Product faults are to be communicated to the Company by means of registered letter - or anyway in writing - : (I) in case of manifest faults, within and not later than 5 (five) days after receipt of the Products; (II) in case of hidden faults, within and not later than 8 (eight) days after ascertaining the fault and, however, not later than 30 (thirty) days after delivery of the Products. The above being stated, no complaint can be made unless judicially exerted by way of action or plea, within 3 (three) months after receipt of the single batches of Products. However complaints are to be provided with all the evidence necessary to their documentation. Inadequate information in this regard might cause delays to the Company to settle the complaint. It is agreed that, should this be the case, the Company will not be liable for such delays. Complaints regarding Products having been cut, used and/or processed after the delivery, will be rejected, except when faults other than production faults could not be detected before the processing of the goods. Complaints regarding the processing expenses of the delivered goods will be rejected. Differences of the Products from what specified in the Order or, if different, in the Order Confirmation with reference to quality, quantity, width, colours, finishes, size and the like, which stand for variations commonly accepted in the commercial practice or technically inevitable, will not be considered valid reasons for lodging complaints. The Purchaser is not entitled to give back the Products or refuse the delivery unless through written authorization of the Company. Being agreed that, in no way, will the complaints authorize the Purchaser to suspend or delay the payment of the invoices relative to the Products. Should the grounds of the complaint be conventionally or legally acknowledged and should it not be settled with the Company granting a discount on the purchase price of the Products, the Purchaser will be entitled to ask the Company to be reimbursed exclusively the price of all the defective Products as per the relative invoice. The Company will be entitled to choose, at its own discretion and upon return of the defective Products, whether (I) to replace the Products with other flawless Products or (II) to reimburse to the Purchaser the price paid by the latter for the defective Products. Being agreed, in any case, that the Purchaser will waive any claim of reimbursement for any direct or consequential damage that might arise. The Purchaser will further have to protect the Company against any possible complaint from third parties regarding goods or services supplied by the Company.

14. RETURNED GOODS In no way will the Purchaser be entitled to return the Products purchased and duly delivered by the Company, without written authorization of the Company.

Should such authorization be granted, the Purchaser, however, will have to specify the goods return authorization number provided by the Company in the forwarding note, upon express request of the Purchaser. The Products returned will have to be intact and in perfect conditions. Should the Products turn out damaged, the Company reserves the right, in its sole discretion, to: (I) reject the return of the Products; or (II) to charge the Purchaser with the cost of the Products and/or of all the steps required to their fixing. Forwarding of the returned goods will have to be free port at the Factory.

15. GOVERNING LAW AND PLACE OF JURISDICTION All the contracts executed by the Company will be governed by the laws in force in Italy except for the Vienna Convention on International Trade. For all disputes that should arise with regard to the contracts executed by the Company, in the first instance the Court of Lodi, Italy, will be the sole place of jurisdiction, being agreed that the Company is entitled to take legal measures against the Purchaser before the competent Court of the place of residence of the Purchaser or before any other competent Court.

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