

EDI specifications

**For the
INTERFACE**

between

BLANCO GmbH + Co KG
referred to in the following as **BLANCO**

and

**its
business partners
(suppliers)**

1. INTRODUCTION

1.1. *What is EDI?*

EDI stands for Electronic Data Interchange, and is used for paperless business transactions between the participating partners.

Before data can be exchanged using EDI, a shared EDI interface has to be defined for every used process.

This interface is to be integrated by the various business partners in their IT systems.

Blanco offers its suppliers the following EDI processes:

Outgoing order
Incoming order confirmation

1.2. *How does EDI work?*

Based on the selected process, the IT system used generates an EDIFACT file in the same construction as the agreed EDI interface.

The generated file is then exchanged, ideally by AS2 and alternatively by email or Telebox x.400, between two fixed addresses.

The supplier passes the order confirmations on to BLANCO. This may be done as often as required during a day.

BLANCO passes the orders on to the supplier. This may also be done as often as required during a day.

1.3. *What needs to be considered with EDI?*

As the process is automatic, it is necessary to compare the master data, in particular of the partners, materials and prices. We transmit our Blanco item number and the European item number for the purpose of material identification in our order details.

If required, the supplier item number can also be transmitted.

2. DATA TRANSFER

2.1. Our addresses

There are two different methods you can use if you want to send data to us or receive data from us:

Our AS2 address:

please contact Ms. Bosch directly for this. You will find the address at the end of the document.

Our email address: winbis@blanco.de

Our Telebox x.400 address:

Unique UA-ID / PB-ID	=	2052953
Land / Country	C	= EN
Betreiber / ADMD	A	= viaT
Nachname / Surname	S	= Blanco02
Organisation / Org Unit	O	= Blanco-GmbH+CoKG
Organisationseinheit 1 / Org Unit 1	OU1	= BITS
allgemeiner Name / Commonname	CN	= Blanco02

2.2. Parameters for sending orders **BLANCO** to supplier

Recipient: to be provided by the supplier
Sender: AS2, email or x.400 address of Blanco
Re: ORDERS_BLANCO

2.3. Parameters for receiving order confirmations supplier to Blanco

Sender: to be provided by the supplier
Recipient: AS2, email or x.400 address of Blanco
Re: ORDRSP_<Lieferant>

Please note when emailing:

EDI will only process the attached files. The system will not recognise any order information in the email text.

It is important that the agreed content in the REF field be observed.

Any deviations will result in delays in the order departments, since the EDI system separates such information because of non-recognition, and it is then necessary to intervene manually.

3. APPENDIX

3.1. Block format outgoing order in Edifact format EANCOM D.96A

Header

File beginning			
UNB.0004	Sender		ILN of Blanco GmbH+Co.KG = 4020684000000 ILN of Blanco PRO GmbH+Co.KG = 4048866000006
UNB.0007#1			Fix 14
UNB.0010	Recipient designation		According to supplier information
UNB.0007#2	Participant designation, qualifier		According to supplier information
UNH.0062	Notification reference number		Running counter
UNH.0065	Message type identification		Fix 'ORDERS'
UNH.0052	Version number of message type		Fix 'D'
UNH.0054	Release number of message type		Fix '96A'
UNH.0051	Managing organisation encoded		Fix 'UN'
UNH.0057	Application code of responsible organisation		Fix 'EAN002'
Beginning of message			
BGM.1001	Document message name	220	Order
BGM.1004	Blanco order number		
Date			
DTM.2005	Date/type of period	137	Document date
DTM.2380	Blanco document date		
DTM.2379	Date format qualifier	102	YYYYMMDD

Header / delivery text			
FTX.4451	Code	AAI	General information text
FTX.4440	Text rows		
Partner information			
NAD.3035	Party, qualifier	BY RE SU DP	Purchaser Invoice to Supplier Delivery address
NAD.3039	Identification of party	BY RE LF DP	ILN of Blanco GmbH+Co.KG = 4020684000000 ILN of Blanco PRO GmbH+Co.KG = 4048866000006 ILN of Blanco GmbH+Co.KG = 4020684000000 ILN of Blanco PRO GmbH+Co.KG = 4048866000006 ILN or internal number Internal number
NAD.3055	Relevant department of encoding issue	9 92	
NAD.3036	Name 1		
NAD.3042	Street		
NAD.3164	Place		
NAD.3251	Postcode		
NAD.3207	Country		
Contact			
CTA.3139	Contact position	PD	Purchasing dept.
CTA.3412	Department or processor		
Communication data			

COM.3155	Communication path	TE	Telephone
COM.3148	Communication number		
Currency			
CUX.6347	Currency information	9	Currency of order
CUX.6345	Currency		
Payment terms			
PAT.4279	Type of payment term, encoded	1	As usual
PAT.2475	Payment reference date, encoded	66	Stated date
PAT.2151	Type of period, encoded	D	Day
DTM.2005	Date/type of period	209	Value date / days payment terms 1/2/net
DTM.2380	Date		
DTM.2379	Format qualifier	804	Days
PCD.5245	Percentage rate, qualifier	12	Deduction
PCD.5482	Percentage rate		
PCD.5249	Percentage rate base, encoded	13	Invoice amount
Delivery or transportation terms			
TOD.4055	Delivery or transportation terms reference encoded	6	Delivery term
TOD.4053	Delivery or transportation term encoded		
TOD.4052	Delivery or transportation term designation		
TOD.1131	Code list, qualifier	106	Incoterms 1980

Position details

Position row LIN.1082	Position number		
LIN.7140	European article number EAN		
LIN.7143	Type of product number	EN	EAN Code
Product identification PIA.4347	Product identification, qualifier	5	Product identification
PIA.7140#1	Product number		
PIA.7140#2	Product description		
PIA.7143	Issue product number, encoded	IT MF	Blanco product number Supplier product number
Quantities QTY.6063	Quantity, qualifier	21	Ordered quantity
QTY.6060	Quantity		
QTY.6411	Unit, qualifier		
Date DTM.2005	Date/type of period	2	Required delivery date
DTM.2380	Date		
DTM.2379	Date format qualifier	102	YYYYMMDD
Position text / delivery text FTX.4451	Code	AAI DEL	General information value Delivery information

FTX.4440	Text rows		
Prices			
PRI.5125	Price, qualifier	AAA	Net calculation
PRI.5118	Price		
PRI.5387	Price type, qualifier	NTP	Unit net price
PRI.5284	Price basis quantity		
PRI.6411	Unit, qualifier		
Reference information			
RFF.1153	Reference, qualifier	BO	
RFF.1154	Reference number		45XXX order number 46XXX blanket order number
RFF.1156	Order position		If reference number is a blanket order
Partner information (diff. from delivery address)			
NAD.3035	Party, qualifier	DP	Delivery address
NAD.3039	Identification of party		
NAD.3055	Relevant department of encoding issue	92	Issued by Blanco
NAD.3036#1	Name 1		
NAD.3036#2	Name 2		
NAD.3042	Street		
NAD.3164	Place		
NAD.3251	Postcode		
NAD.3207	Country		

3.2. Block format confirmation received in Edifact format EANCOM D.96A

Header

File beginning UNB.0004	Sender		Sender ILN or BLANCO supplier number
UNB.0007#1			If UNB.0004 is an ILN, this will be "14", otherwise "ZZ"
UNB.0010	Recipient designation		According to supplier information
UNB.0007#2	Participant designation, qualifier		According to supplier information
Beginning of message BGM.1001	Document message name	231	Order reply
BGM.1004	Confirmation number		
Date DTM.2005	Date/type of period	35	Actual delivery date
DTM.2380	Date		
DTM.2379	Date format qualifier	102	YYYYMMDD
DTM.2005	Date/type of period	189	Planned dispatch date
DTM.2380	Date		
DTM.2379	Date format qualifier	102	YYYYMMDD
Reference information			

RFF.1153	Reference, qualifier	ON	
RFF.1154	Reference number		Order / order number Blanco
Partner information			
NAD.3035	Party, qualifier	BY IV SU DP	Purchaser (Blanco) Invoice recipient (Blanco) Supplier Delivery address (Blanco)
NAD.3039	Identification of party		With BY, IV and DP: ILN of Blanco GmbH+Co.KG = 4020684000000 With SU : ILN or internal number
NAD.3055	Relevant department of encoding issue	9 92	With ILN With internal number
NAD.3036	Name 1		
NAD.3042	Street		
NAD.3164	Place		
NAD.3251	Postcode		
NAD.3207	Country		
Contact for partner BY			
CTA.3139	Contact position	SR	Sales department
CTA.3412	Department or processor		
Communication data			
COM.3155	Communication path	TE	Telephone
COM.3148	Communication number		
Currency			

CUX.6347	Currency information	2	Reference currency
CUX.6345	Currency		

Position details

Position row			
LIN.1082	Position number		Blanco position number
LIN.7140	European article number EAN		
LIN.7143	Type of product number	EN	EAN Code
Product identification			
PIA.4347	Product identification, qualifier	5	Product identification
PIA.7140#1	Product number		Blanco product number
PIA.7143	Issue product number, encoded	IT	Issue by Blanco
PIA.7140#2	Product description		
Quantities			
QTY.6063	Quantity, qualifier	113	Quantity to be delivered
QTY.6060	Quantity		
QTY.6411	Unit, qualifier		
Date			
DTM.2005	Date/type of period	2	Required delivery date
DTM.2380	Date		
DTM.2379	Date format qualifier	102	YYYYMMDD
DTM.2005	Date/type of period	4	Order date
DTM.2380	Date		

DTM.2379	Date format qualifier	102	YYYYMMDD
Amount			
MOA.5025	Monetary amount, qualifier	203	Position amount
MOA.5004	Monetary amount		
Prices			
PRI.5125	Price, qualifier	AAA	Net calculation
PRI.5118	Price		
PRI.5284	Price basis quantity		
PRI.6411	Unit, qualifier		
Totals			
UNS.0081	Separation position / total part	S	
Amount			
MOA.5025	Monetary amount, qualifier	79	Total position amount
MOA.5004	Monetary amount		

4. CONTACT at BLANCO

Contact	Responsibilities
Antje Glatting Tel. no.: +49 7045 44 81434 antje.glatting@blanco.de	System administration SAP Administration EDI link
Vera Leis Tel. no.: +49 7045 44 81437 vera.leis@blanco.de	IT Coordinator Purchasing