# pandomo

OF

#### <mark>today's date</mark>

CONSTRUCTION PROJECT: please enter

Note: The information and assembly sequences are based on our experience to the best of our knowledge and belief, but must be adapted to the on-site construction site conditions. The information is provided without guarantee. The extent to which the texts can be taken over into the tender unchanged must be checked in each individual case. The described texts are only suggestions for the tender, and mainly contain the positions in which ARDEX products are used. This specification, which has been produced by ARDEX, is not a substitute for the planning responsibility of architects and structural engineers. The completeness of the specification must be checked with regard to all of the items which are relevant and required.

The work must be carried out in accordance with the technical guidelines of ARDEX GmbH, 58453 Witten, www.pandomo.de, taking the relevant standards, regulations and trade rules into consideration in accordance with the current state of the art.



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Studio

### General information concerning mineral filler

#### 1. Used products:

The bidder must enclose technical data sheets and product data sheets with the bid for all products which are used or consumed in order to manufacture the mineral filler.

Failure to submit the technical data sheets with the bid will result in exclusion from the submission and the bid will not be evaluated.

#### 2. System products:

All products which are used will be purchased from a manufacturer with a system guarantee. This also includes impregnation materials, sealing materials and surface protection. Only materials in original containers which have been standardised and approved or proof of quality testing can be provided in the form of a certificate that is accepted in Germany may be used and installed.

#### 3. Basics:

The generally recognised rules of technology which apply in the country of implementation as well as the latest versions of the provisions, ordinances, European and national standards, regulations, directives, leaflets etc. must be adopted as the basis for the quote, the described work and the implementation of this work. Reference is particularly made to the "Mineral decorative filler floors" leaflet issued by BSR e.V. in Bonn (May 2013). The proof of legitimacy must be provided by presenting a valid partnership agreement. In accordance with the authorisation, the bidder is entitled to process the products for which he has attended license training.

#### 4. Evaluation:

The presented work list will be used for the quote. Only a fully completed work list can be taken into consideration during the evaluation of the quote. Alternative suggestions in the form of secondary quotes are not permitted.

#### 5. References:

Comparable reference in picture form and a description shall be presented for the implementation of the work. On-site deadlines will also be made possible.

#### 6. Cleaning and care concept:

The cleaning and care instructions made available on the Internet by the manufacturer of the floor covering or enclosed with the quote is regarded as binding for the user. This must be coordinated with the respective use of the project.

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18.01.2023 Studio			Studio	Page 2 / 19 specifications
Position	Description	Quantity Units	EP	GP
1	Construction site equipr	nent		
1.1	General construction sit	e set-up		
	which is needed to carry of The construction site set-u	for all work listed in the specification but the work must be taken account o up also includes all of the necessary the accident prevention regulations a	of. protective	
		0 <b>Pc</b>		
		1 Constru	uction site set-up	

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Studio			Studio	specifications
Position	Description	Quantity Units	EP	GP
2	Samples			
2.1	Production of sample se	ctions		
	Manufacture of sample se accordance with the client	ctions in 60x80cm format, colour and 's specification.	structure in	
		0 <b>Pc</b>		
			2 Samples	

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Studio			Studio spe	cifications
Position	Description	Quantity Units	EP	GP
3	Screed			
3.1	Separating layer			
		y separating layer on a suitable substrat f the manufacturer of the products which		
		0 <b>m²</b>		
3.2	Screed on separating la	iyer		
	hydraulically quick-harder water bonding - ARDURA traffic and very low emiss screed made from ternary processing time in accord CT-C30-F5 on the substra- the necessary edge strips and homogeneously com technical directives and in accordance with the requ	installation of a low-shrinkage and low-thing, quick drying (on basis of complete APID Plus effect) quickly usable and reactions (EMICODE EC 1 Plus) quick-drying quick-drying cement binder material with ance with DIN 18560-2 / 18353 with streate described in the previous positions; is with mind. d=10 mm. The screed must pacted in accordance with the manufact installed with a planar surface at the correct irements in accordance with DIN 18202 and smoothing the surface.	crystalline dy for foot g cement th extra-long ength class ncluding all of be carefully urer's ect height in	
	<ul> <li>Ready for applid</li> <li>Suitable for indo</li> <li>Long processing</li> <li>Early strength a</li> <li>No re-mixing red</li> <li>Dimension-contribution free hand</li> <li>System product</li> </ul> The technical directives of must be observed. Guideline recipe (initial teges)	rolled binding material system = almost s dening and drying; shrinkage of less that for PANDOMO <sup>®</sup> Terrazzo/ PANDOMO <sup>®</sup> If the manufacturer of the products which	shrinkage and n 0.25 mm/1m filler floors n are used	
	cement: 62.5 kg - Screed sand gra 300 kg - Water binding m		DIN 1045 part 2	
	content/waiting times:	DMO® Terrazzo/ PANDOMO® fillers		

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Studio			Studio	specifications	
Position	Description	Quantity Units	EP	GP	
			Carry ove	er:	
	<pre>(Unheated approx. 3 days; heated ≤ 2.0 CM-%) - Tiles and insensitive natural stone in thin, medium and thick bed   (Unheated approx. 1 days; heated ≤ 2.0 CM-%) - Sensitive natural stone in thin, medium and thick bed   (Unheated approx. 4 days or ≤ 2.0 CM-%; heated ≤ 2.0 CM-%) - Flexible and textile floor coverings and parquet   (Unheated ≤ 2.0 CM-%; heated ≤ 1.8 CM-%) Nominal screed thickness: mm Screed on insulating layer in accordance with DIN 18560-2 Planned use: (e.g. private/commercial   building) Planned covering (e.g. PANDOMO®) Traffic loads: kN/m² surface load kN individual load</pre>				
	cement or equivalent m	IO <sup>®</sup> BG low-shrinkage quick-drying scre ake / type: '' ing curve A8 - B8 in accordance with DI 0 <b>m</b> ²			
3.3	Extra strength of screed	I			
	Extra strength of screed p	er 5 mm.			
		0 <b>m²</b>			
			3 screed		

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Studio			Studio	specifications
Position	Description	Quantity Units	EP	GP
4	Substrate preparation			
4.1	Floor substrate preparation			
4.1.1	Checking the substrate			
	Checking of substrate, tensile bond te	esting and CM measurem	ent.	
		0 <b>Pc</b>		
4.1.2	Removal of coarse dirt			
	Removal of coarse dirt and disposal of	of rubble by customer in c	ontainers.	
		0 <b>m²</b>		
4.1.3	Crack gumming			
	Solid gumming of cracks, shrinkage g screed. Manufacture of slits across th circular saw, insertion of screed ties a ARDEX EP cast resin or ARDEX P 10 must be sprinkled with filler powder. The technical directives of the manufa must be observed.	e crack at intervals of 25 and grouting with ARDEX 0 SR. After pouring, the c	cm using a EP 2000, asting compound	
		0 <b>Pc</b>		
4.1.4	Sanding the substrate			
	Mechanical sanding and brushing of t reducing layers and production of a lo		l of all adhesion-	
		0 <b>m²</b>		
4.1.5	Production of a load-bearing subst	trate		
	Manufacture of a load-bearing substra ARDEX A46 or ARDEX FIX System F and cracks. The technical directives of the manufa must be observed.	Filler, for repairing cavities	s, unevenness	
		0 <b>m²</b>		
4.1.6	Cutting in and sealing of movemen	t joints in the screed		

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Studio			Studio	specifications
Position	Description	Quantity Units	EP	GP
	Clean the field and boundary joints cro positioning strips as low down as pose suitable bead of foam at a depth of ap 10 SR, 2-K Epoxy Resin, sprinkling wi Levelness with the adjacent compone The above-mentioned joint will be fille PANDOMO® filler floor. After polishing the PANDOMO® filler fl immersion saw. Implementation along completing the floor the joint is cleane silicon ARDEX ST or ARDEX SC Matt	sible. The cleaned joint is prox 10 mm and then fille ith PANDOMO® HG-G, h nts is required. d in during the implement oor, the joints are opened suitable guide rails is red d and sealed with a suita t during the course of the	ut off the filled with a ed with ARDEX P ard grain sand. ation of the d again with an quired. After ble natural stone	Pr:
		0 <b>m</b>		
4.1.7	Movement joints alternatively with	joint profile		
	Supply stainless steel movement profi with ARDEX PU5. The cost of measur for installing the movement joint profile receipts. The technical directives of the manufa must be observed.	ring and setting up alignmes will be paid for separat	ents and lines ely against	
		0 <b>m</b>		
4.1.8	Shrinkage gap profile / edge profile			
	Supply shrinkage joint profile / edge p enter mm and fit using ARDEX PU5 o manufacturer's specifications. The cos and lines for installing the shrinkage g separately against receipts. The manufacturer's technical directive a) Stainless steel	r P10SR in accordance w st of measuring and settir ap profile / edge profile w	vith the ng up alignments	
	b) Brass c) PVC d) Alternative			
	Type Manufacturer			
		0 <b>m</b>		
4.1.9	Edge insulating strips			

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Studio			Studio	specifications
Position	Description	Quantity Units	EP	GP
	Supply and fit suitable edge insulatin PANDOMO <sup>®</sup> Floor and FloorPlus, the such as ARDEX RF The technical directives of the manuf must be observed.	e edge strip must be sealed	P10. When using d with acrylic,	er:
		0 <b>m</b>		
4.1.10	Eventual position			
	Height compensation for preparati	ion		
	Application of the PANDOMO <sup>®</sup> EP proceeded substrate. Levelling of the proceeded substrates are possible treated with ARDEX K80 with a compossible treated with ARDEX E25 and The technical directives of the manufacture must be observed.	rimed substrate with ARDE oating thickness of please tificial resin dispersion.	X FA-20, <mark>enter</mark> mm,	
		0 <b>m²</b>		E-price only
4.1.11	Priming			
	Application of priming on the cleaned solvent-free epoxy resin primer. Coa and is sanded down in a wetted cond sand. The technical directives of the manuf must be observed.	ting takes place using a sh dition with dry PANDOMO <sup>®</sup>	ort nap roller HG hard grain	
		0 <b>m²</b>		
4.1.12	Eventual position PANDOMO <sup>®</sup> FAM glass fibre mesh floors) Floor/FloorPlus			
	Laying out of the PANDOMO® FAM of priming filler with PANDOMO® EP NE Application takes place using a suital sprinkled with dry ARDEX QS, ARDE condition. The technical directives of the manuf must be observed.	EU, fillable, solvent-free ep ble pellet knife, and the su EX PANDOMO <sup>®</sup> HG sand i	oxy resin primer. rfaces is then n a wet	
		0 <b>m²</b>		E-price only
		4.1 Floor subst	rate processing	

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Position	Description	Quantity Units	EP	GP
4.2	Wall and ceiling substra	ate preparation		
4.2.1	Removal of dust and dir	rt		
		from the substrate and all loose parts te. The manufacturer's technical direc		
		0 <b>m²</b>		
4.2.2	Production of a load-be	aring substrate		
	ARDEX A46 or ARDEX F	ing substrate for holding PANDOMO <sup>®</sup> IX System Filler, for repairing cavities turer's technical directives must be ob	, unevenness	
		0 <b>m</b> ²		
4.2.3	Applying a renovation fi	iller		
		ces, solid, load-bearing and separatir <mark>lease enter</mark> mm, max. 10 mm. The ma		
		0 <b>m²</b>		
4.2.4	Applying a primer			
	operation: Apply ARDEX	with ARDEX P4 on the cleaned subst P4 using a short-pile roller and wait fo directives must be observed.		
		0 <b>m²</b>		
		4.2 Wall and ceiling subst	rate preparation	
		4 Subst	rate preparation	

4 Substrate preparation \_\_\_\_\_.

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Studio				specifications
Position	Description	Quantity Units	EP	GP
5	Application			
5.1	Filling with PANDOMO® Studio whi	te, floor		
	Production of a filling with PANDOMC accordance with PANDOMO <sup>®</sup> swatch thickness of at least 2 mm on a prepa of filler compound using a spring spat In order to achieve a concrete-like fini processed using an electric power tro	, shapeable thin layer filler, v red substrate in three layers ula. sh, the individual layers are	with a coating Application	
	Properties: - Easy to process - Excellent adhesion - Extremely high-yield - High surface strength - Low tension - Quickly ready for footfa	ll traffic and load-bearing		
	The technical directives of the manufa must be observed.	acturer of the products which	are used	
		0 <b>m²</b>		
5.2	Filling with PANDOMO® Studio con	crete grey, floor		
	Production of a filling with PANDOMC layer filler coloured in the factory, with prepared substrate in three layers. Ap spatula. In order to achieve a concrete-like fini processed using an electric power tro	a coating thickness of at le- plication of filler compound sh, the individual layers are	ast 2 mm on a using a spring	
	Properties: - Easy to process - Excellent adhesion - Extremely high-yield - High surface strength - Low tension - Quickly ready for footfa	ll traffic and load-bearing		
	The technical directives of the manufa must be observed.	acturer of the products which	are used	
		0 <b>m²</b>		
5.3	Additional allowance PANDOMO® S	Studio, floor		
	Additional allowance for increased ins layer thickness 4 mm.	tallation thickness per mm,	maximum	

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Studio			Studio	specifications
Position	Description	Quantity Units	EP	GP
	The technical directives of must be observed.	f the manufacturer of the products w	-	er:
		0 <b>m</b> ²		
5.4	Filling with PANDOMO®	Studio white, wall and ceiling		
	accordance with PANDON thickness of at least 1.5 m of filler compound using a	crete-like finish, the individual layers	er, with a coating yers. Application	
	-	dhesion nigh-yield e strength າ dy for footfall traffic and load-bearing		
	The technical directives of must be observed.	f the manufacturer of the products w	hich are used	
		0 <b>m</b> ²		
5.5	Filling with PANDOMO®	Studio concrete grey, wall and cei	iling	
	layer filler coloured in the a prepared substrate in tw spatula.	PANDOMO <sup>®</sup> Studio concrete grey, s factory, with a coating thickness of a to layers. Application of filler compoun- crete-like finish, the individual layers a ic power trowel.	at least 1.5 mm on und using a spring	
	Properties: - Easy to pro - Excellent ac - Extremely h - High surfac - Low tensior - Quickly read	dhesion nigh-yield e strength	)	
	The technical directives of must be observed.	f the manufacturer of the products w	hich are used	
		0		
			5 Application	

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Position	Description	Quantity Units	EP	<u> </u>
6	Surface treatment			
6.1	Polishing/sanding of the	surface		
6.1.1	Surface polishing, filler co	mpound		
	(e.g. Trio from Lägler, Fest	D <sup>®</sup> filler compound with a suitable s ool, Mirka etc.) cal directives must be observed.	anding machine	
		0 <b>m²</b>		
		6.1 Polishing/sand	ing of the surface	

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Studio			Studio s	specifications
Position	Description	Quantity Units	EP	GP
6.2	Impregnating the surface	9		
6.2.1	PANDOMO® SP-SL			
		oil impregnation PANDOMO <sup>®</sup> SP-SL the manufacturer of the products wh		
		0 <b>m²</b>		
		6.2 Impregna	ting the surface	

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Position	Description	Quantity Units	EP	GP
6.3	Sealing the surface			
6.3.1	Priming the surface			
		diluted with water is recommended as ied with a microfibre roller, crosswise.	the primer for	
		0 <b>m²</b>		
6.3.2	PANDOMO® SP-PS			
	Application takes place cru If no impregnation using P the surfaces are heavily us effort, a third application is	SP-PS polyurethane sealant in two for possive, using a short pile roller and possive and the sealant in two for possive and the sed and require a considerable amount a required. It is manufacturer of the products which the manufacturer of the products which	s been used, or It of cleaning	
		0 <b>m²</b>		
		6.3 Seal	ing the surface	

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Position	Description	Quantity Units	EP GP
6.4	Surface treatment		
6.4.1	Eventual position PANDOMO <sup>®</sup> SP-F pore fi	ller	
	of the first application (not	MO <sup>®</sup> SP-F pore filler after approx.12 hou required if using PANDOMO <sup>®</sup> SP-PS). the manufacturer of the products which a	
		0 <b>m²</b>	E-price only
6.4.2	Eventual position PANDOMO <sup>®</sup> SP-GS Silk (	Bloss Seal	
	approx. 60 minutes, applic	<sup>®</sup> SP-GS Silk Gloss Seal with a wipe coat ation of the second coat of PANDOMO <sup>®</sup> the manufacturer of the products which a second coat of the second coat of the products which a second coat of the second coat of the products which a second coat of the second coat of the products which a second coat of the second coat of the products which a second coat of the second coat of the products which a second coat of the second coat of the products which a second coat of the second coat of the products which a second coat of the second coat of the products which a second coat of the second coat of the products which a second coat of the product of the	SP-GS.
		0 <b>m</b> ²	E-price only
6.4.3	Eventual position PANDOMO <sup>®</sup> SP-MS Silk (	Gloss Seal	
	approx. 60 minutes, applic	<sup>®</sup> SP-MS Silk Gloss Seal with a mopping ation of the second coat of PANDOMO <sup>®</sup> the manufacturer of the products which a second second second second second second second second second second second second seco	SP-MS.
		0 <b>m²</b>	E-price only
		6.4 Surfa	ce treatment <u>xxxxxxxxxxxx</u>

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Position	Description	Quantity Units	EP	GP
6.5	Final cleaning			
6.5.1	PANDOMO <sup>®</sup> Care & Clean	n maintenance care		
	coating.	<sup>®</sup> Care & Clean maintenance care he manufacturer of the products whether the products whether the product of the product o	-	
		0 <b>m</b> ²		
6.5.2	Cleaning and care concept	ot/ Maintenance agreement		
	specified by the manufactur is coordinated with the floor coordinated with the respec with a defined term and wo	e accompanied by cleaning and care rer of the floor covering or a cleaning which he has manufactured. This ctive use of the project. A maintenaut rk description must also be produce r. The contents of the agreement m	ng concept which must be nce agreement ed for the floor	
	<ul> <li>Defined work or</li> <li>Defined mainter</li> </ul>	ns		
		0 <b>Pc</b>		
		e	6.5 Final cleaning	

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Studio			Studio	specifications
Position	Description	Quantity Units	EP	GP
6.6	Permanently elastic seal	ing		
6.6.1	ARDEX SN Neutral Silico	'n		
		g with ARDEX SN neutral silicone. cal directives must be observed.		
		0 <b>m</b>		
6.6.2	ARDEX ST Natural Stone	Silicone		
		ts with ARDEX ST Natural Stone Sil ical regulations, width up to 10 mm.		
		0 <b>m</b>		
		6.6 Permanent	ly elastic sealing	
		6 S	Surface treatment	

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Studio			Studio	specifications
Position	Description	Quantity Units	EP	GP
7	Specialist worker hours	/ additional effort		
7.1	Specialist worker hours			
	casting defects, processin Materials such as: Resin,	dance with proof for e.g. sampling, p ig at ramps and rails etc. sand and casting compounds are bill al consumption in complete packages	led for in	
		0 <b>Hrs</b>		
7.2	Increased work effort an	d long transport distances		
	Surcharge for increased w	vork effort and long transport distance	es.	
		0 <b>Pc</b>		
		7 Specialist worker hours /	additional effort	

## **ARDEX GmbH**

18.01.2023



Summary

1	Construction site equipment	
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4.2	Wall and ceiling substrate preparation	
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6.3	Sealing the surface	
6.4	Surface treatment	<b>XXXXXXXXXXXX</b>
6.5	Final cleaning	
6.6	Permanently elastic sealing	
6	Surface treatment	
7	Specialist worker hours / additional effort	
		Origina ta ta l

••••••	Sum total
	Plus VAT at %
	Grand total