

# **CARTIERE DI TREVI**

SOCIETA' PER AZIONI

## **SUPPLY SPECIFICATIONS**

**SQST n.05 Technical Specifications**

**Edition:1**

**Revised on: March 18 2009**

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## **Cartiere di Trevi SpA**

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**TECHNICAL  
SPECIFICATIONS**

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<b>Technical specifications of the supply</b>	<b>SQST 05</b>
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**Object of the Technical Specifications**

These technical specifications comprise the terms of acceptance for the technical verifications of the supply. These tables define the guaranteed physical/mechanical characteristics, the relative tolerance levels and the methods for laboratory testing adopted.

<b>NATURE OF SERVICING</b>		
<b><u>STATE OF SERVICING</u></b>	<b><u>DATE</u></b>	<b><u>OBJECT OF SERVICING</u></b>
<b>1</b>	10.12.2008	Improvement of quality/compliance with new regulations
<b>2</b>	18.03.2009	Change of undulation characteristics, 12gsm addition Variation of types of analysis

<b>CHAPTER OF ATTACHED QUALITY MANUAL</b>	
<b><u>NUMBER</u></b>	<b><u>TITLE OF CHAPTER</u></b>
<b>9</b>	PROCESS CONTROL
<b>10</b>	CONTROL TESTING AND TRIALS

<b>ATTACHED DOCUMENTATION</b>	
<b><u>CODE</u></b>	<b><u>TITLE OF PROCEDURE</u></b>
<b>SQPR 13</b>	CONTROL TESTS IN PRODUCTION AND ON FORWARDING
<b>SQPR 03</b>	COMPLAINT CONDITIONS

<b>ISSUED BY RESQ</b> Franco Graziosi	<b>VERIFIED BY RECOM</b> Guido Graziosi	<b>AUTHORIZED BY AMD</b> Maurizio Graziosi
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## TECHNICAL SPECIFICATIONS

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**Technical specifications of the supply**

**SQST 05**

### SCOPE:

The operators in charge of loading the belts for mixture preparation, production, finished product control and layout refer to the specifications herein to meet the customers' quality requisites and instructions.

### SUPPLY SPECIFICATIONS NOTE

The Technical Specifications and the quality standards contained in this document represent the manufacturing technical specifications of the Cartiere di Trevi SpA products.

With regard to grammage not existing within the specific type, consider the specification with the closest grammage. Other characteristics, such as, for example, the level of glue measured in Cobb values and the air permeability, remain an attribute of the paper which is subject to a particular negotiation to be indicated on the purchase order.

The analyses and methods adopted in the laboratory are conducted in conformity with ISO regulations:

Sampling method:	ISO 186
Paper conditioning	ISO 187
Bursting:	ISO 2759
Grammage:	ISO 536
SCT Paper:	ISO 9895
Stiffness:	ISO 5628
Moisture:	ISO 287
Cobb:	ISO 535

### MANAGEMENT OF NON CONFORMITY

In the case of non conformity of the products, with regard to the supply specifications herein, the customers are invited to follow the Technical Specifications for Complaint Conditions SQST 03

**TECHNICAL  
SPECIFICATIONS**

**Technical specifications of the supply SQST 05**

**MEDIUM PAPER**

<b>GRAMMAGE (GR/SQ.M.) +/- 3%</b>	<b>SCT –dm (KN/m) +/- 2%</b>	<b>SCT –dt (KN/m) +/- 2%</b>	<b>RCT KN/m</b>	<b>MOISTURE % +/- 1</b>
120	2.9	1.65	0.8	7
127	3.1	1.75	0.85	7
140	3.45	1.95	1.02	7
150	3.6	2.1	1.1	7

**USE – SEMICHEMICAL PAPER**

<b>GRAMMAGE (GR/SQ.M.) +/- 3%</b>	<b>SCT –dm (KN/m) +/- 2%</b>	<b>SCT –dt (KN/m) +/- 2%</b>	<b>RCT KN/m</b>	<b>MOISTURE % +/- 1</b>
120	3.25	2	0.85	7
127	3.4	2.2	0.9	7
140	3.7	2.3	1.1	7
150	4	2.5	1.2	7

**ALL THE TESTS HAVE BEEN CARRIED OUT IN LABORATORY CONDITIONED  
ACCORDING TO ISO 187 AND ISO 186 REGULATIONS**

**TECHNICAL  
SPECIFICATIONS**

**Technical specifications of the supply SQST 05**

**G 200 GREY BOARD**

<b>Grammage (GR/SQ.M.) +/- 3%</b>	<b>SCOTT BOND J/Sq.m.</b>	<b>BURSTING kPa</b>	<b>STIFFNESS CD (Taber)</b>	<b>STIFFNESS MD (Taber)</b>	<b>VOLUME BULK Micron/100gr</b>
300	190/210	270/300	3.60/3.90	9.0/10.5	1.5
350	190/210	270/305	4.5/7.9	11.8/11.0	1.5
400	190/210	280/340	7.5/11.0	18/23.6	1.5
450	190/210	280/340	8.5/12.6	19/25.2	1.5

**G 300 GREY BOARD**

<b>Grammage (GR/SQ.M.) +/- 3%</b>	<b>SCOTT BOND J/Sq.m.</b>	<b>BURSTING kPa</b>	<b>STIFFNESS CD (Taber)</b>	<b>STIFFNESS MD (Taber)</b>	<b>VOLUME BULK Micron/100gr</b>
300	285/315	360/385	4/5.6	10/12.1	1.5
335	285/315	400/420	4/6.6	14/16.2	1.5
400	285/315	370/390	8/12	18/23	1.5
450	285/315	460/480	13/17	25/32	1.5

**ALL THE TESTS HAVE BEEN CARRIED OUT IN LABORATORY CONDITIONED  
ACCORDING TO ISO 187 AND ISO 186 REGULATIONS**

**TECHNICAL  
SPECIFICATIONS**

**Technical specifications of the supply SQST 05**

**HONEYCOMB BOARD**

<b>Grammage (GR/SQ.M.) +/- 3%</b>	<b>SCOTT BOND J/Sq.m.</b>	<b>BURSTING kPa</b>	<b>STIFFNESS CD (Taber)</b>	<b>STIFFNESS MD (Taber)</b>	<b>VOLUME BULK Micron/100g r</b>
<b>180</b>	180/200	260/320	0.8/1.3	2.4/3.6	1.5
<b>200</b>	200/220	330/345	.1.3/1.4	2.7/3.8	1.5
<b>240</b>	240/260	370/400	2.4/2.6	4.5/5	1.5

**USE KRAFT BOARD**

<b>Grammage (GR/SQ.M.) +/- 3%</b>	<b>SCOTT BOND J/Sq.m. ON REQUEST</b>	<b>BURSTING kPa</b>	<b>STIFFNESS CD (Taber)</b>	<b>STIFFNESS MD (Taber)</b>	<b>VOLUME BULK Micron/100gr</b>
<b>180</b>	400/500	ON THE BASIS OF THE SCOTT BOND VALUE	ON THE BASIS OF THE SCOTT BOND VALUE	ON THE BASIS OF THE SCOTT BOND VALUE	1.5
<b>200</b>	400/500	ON THE BASIS OF THE SCOTT BOND VALUE	ON THE BASIS OF THE SCOTT BOND VALUE	ON THE BASIS OF THE SCOTT BOND VALUE	1.5
<b>240</b>	400/500	ON THE BASIS OF THE SCOTT BOND VALUE	ON THE BASIS OF THE SCOTT BOND VALUE	ON THE BASIS OF THE SCOTT BOND VALUE	1.5

**ALL THE TESTS HAVE BEEN CARRIED OUT IN LABORATORY CONDITIONED  
ACCORDING TO ISO 187 AND ISO 186 REGULATIONS**