

## TECHNICAL DATA SHEET


### PIEDRA / CASTRO

Modified on: 2019-11-23  
 Created on: 2017-12-29  
 Report number: JC17122926531  
 JC19112024995

| FABRIC DETAILS            |   |               |             |
|---------------------------|---|---------------|-------------|
| Composition:              | Polyester / Viscose / Elastane 64% / 34% / 2% |               |             |
| Weight g/m:               | 316 g/m                                       | Width:        | 150cm       |
| Weight g/m <sup>2</sup> : | 211 g/m <sup>2</sup>                          | Usable width: | 147cm       |
| Weave:                    | -   | Density:      | 107*75      |
|                           |   | <b>WARP</b>   | <b>WEFT</b> |
| Yarn count:               | 50S/2   |               | 25S/1+40D   |

| COLOUR FASTNESS         |         | REFERENCE                     | COLOR CHANGE          | STAIN                       |     |                             |      |     |     |
|-------------------------|---------|-------------------------------|-----------------------|-----------------------------|-----|-----------------------------|------|-----|-----|
|                         |         |                               |                       | A                           | C   | N                           | P    | AC  | W   |
| To washing:             |         | ISO 105- C06 : 2010           | 4-5                   | 3-4                         | 4-5 | 3-4                         | 4    | 4-5 | 4-5 |
| To dry cleaning:        |         | ISO 105-D01 : 2010            | 4-5                   | 4-5                         | 4-5 | 4-5                         | 4    | 4-5 | 4   |
| To perspiration:        | Acid    | ISO 105-E04 : 2013            | 4-5                   | 4-5                         | 4-5 | 4-5                         | 4    | 4-5 | 4-5 |
|                         | Alcalic | ISO 105-E04 : 2013            | 4-5                   | 4-5                         | 4-5 | 4-5                         | 4    | 4-5 | 4-5 |
|                         |         |                               |                       | WARP                        |     |                             | WEFT |     |     |
| To dry rubbing:         |         | ISO 105-X12 : 2016            |                       | 4-5                         |     |                             | 4-5  |     |     |
| To wet rubbing:         |         | ISO 105-X12 : 2016            |                       | 4                           |     |                             | 4    |     |     |
|                         |         |                               | COLOUR CHANGE AT ONCE | COLOUR CHANGE AFTER 4 HOURS |     | STAINING ON COTTON ADJACENT |      |     |     |
| To hot pressing         | Dry     | ISO 105-X11 : 1994            | 4-5                   | 4-5                         |     |                             |      |     |     |
|                         | Damp    | ISO 105-X11 : 1994            | 4-5                   | 4-5                         |     | 4-5                         |      |     |     |
|                         | Wet     | ISO 105-X11 : 1994            | 4-5                   | 4-5                         |     | 4-5                         |      |     |     |
| To non-chlorine bleach: |         | AATCC TS-001 , Liquid Clorox2 |                       | 4.5                         |     |                             |      |     |     |
| To light:               |         | ISO 105-B02 : 2014            |                       | above 4                     |     |                             |      |     |     |

A - acetate C - cotton N - nylon P - polyester AC - acrylic W - wool

| CARE INSTRUCTION               |                    | REFERENCE  | COLOR | PILING | DEFECTS    | CONCLUSION                      |
|--------------------------------|--------------------|--|-------|--------|------------|---------------------------------|
| Appearance after washing:      | After one wash     | ISO 6330:2012  | 4-5   | 4-5    | No defects | General appearance satisfactory |
|                                | After three washes | ISO 6330:2012  | 4-5   | 4-5    | No defects | General appearance satisfactory |
| Appearance after dry cleaning: |                    | ISO 3175-2:2010  | 4-5   | 4-5    | No defects | General appearance satisfactory |
| Care pictograms:               |                    |  |       |        |            |                                 |

| PACKING      |      |           |   |
|--------------|------|-----------|---|
| Roll lenght: | 50 m | Wrapping: | Carton tubes inside, polybags & woven bags outside; each packing layer labelled |

|                  |            |
|------------------|------------|
| HS customs code: | 5515119000 |
|------------------|------------|

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## TECHNICAL DATA SHEET PIEDRA / CASTRO

| PHYSICAL PROPERTIES                    |                               | REFERENCE                                 | WARP              |       |           |            | WEFT          |      |            |  |
|--|-------------------------------|---|-------------------|-------|-----------|------------|---------------|------|------------|--|
| Seam slippage:                         | Seam opening at 6mm           | ISO 13936-1:2004                          | X                 |       |           |            | X             |      |            |  |
|  | Seam strenght                 | ISO 13936-1:2004                          | > 200 N (FBS&YPO) |       |           |            | > 200 N (STB) |      |            |  |
| Dimensional stability to washing:      |                               | ISO 3758:2011/ISO 5077:2007/ISO 6330:2012 | -1,8%             |       |           |            | -0,6%         |      |            |  |
| Dimensional stability to dry cleaning: |                               | ISO 3175-2:2010                           | -0,2%             |       |           |            | -0,3%         |      |            |  |
| Dimensional stability to steam:        |                               | ISO 3005:1978                             | -1,2%             |       |           |            | -0,8%         |      |            |  |
| Tear strenght:                         |                               | ISO 13937-2:2000                          | 25 N              |       |           |            | 79 N          |      |            |  |
| Tensile strenght:                      |                               | ISO 13934-2:2014                          | 540 N             |       |           |            | 460 N         |      |            |  |
| Elongation:                            |                               | ISO 13934-2:2014                          | 26,9 %            |       |           |            | 52 %          |      |            |  |
|  |                               |   | CYCLES            |       |           |            |               |      |            |  |
|  |                               |   | 125               | 500   | 1000      | 2000       | 5000          | 7000 | 10800      |  |
| Pilling:                               |                               | ISO 12945-2:2000                          | 4-5               | 4-5   | 4-5       | 4-5        | 4             | 4    |            |  |
|  |                               |   | Elongation        |       | UN (1min) | UN (30min) | RE (1min)     |      | RE (30min) |  |
| Stretch properties:                    | Warp                          |   |                   |       |           |            |               |      |            |  |
|  | Weft                          | EN 14704-1: 2005                          | 15,3 %            | 1,8 % | 1,2 %     | 98,2 %     | 98,8 %        |      |            |  |
|  | Length - specified load       |   |                   |       |           |            |               |      |            |  |
|  | Width - specified load        |   |                   |       |           |            |               |      |            |  |
|  | Length - specified elongation |   |                   |       |           |            |               |      |            |  |
|  | Width - specified elongation  |   |                   |       |           |            |               |      |            |  |
| Spirality:                             | After drycleaning             | ISO 3175-2:2010                           | 0%                |       |           |            |               |      |            |  |
|  | After laundering              | ISO 16322-2:2005                          | 0%                |       |           |            |               |      |            |  |
| Abrasion resistance:                   |                               | ISO 12947-2:2016                          | >30000            |       |           |            |               |      |            |  |

FB - Fabric Broken STB - Sewing Thread Broken FBS - Fabric Broken at Seam YPO - Yarn Pull Out UN - Unrecovered Elongation RE - Recovered Elongation  
X - The Seam Opening was less than 6mm, though the ultimate steam strenght was founded as stated Cross Tear - means the force does not proceed along the direction of force